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Attorney Docket No.: A-69605-1/DJB/RMS/DCF

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

GUNDERSON et al.

Serial No. 09/940,185

Filed: August 27, 2001

For: PROBES AND DECODER

OLIGONUCLEOTIDES

Examiner: Not Yet Assigned

Group Art Unit: 1645

CERTIFICATE OF MAILING

I hereby certify that this correspondence, including listed enclosures, is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231 on:

Dated: 1/22 02

Forn Manda

PRELIMINARY AMENDMENT RE SEQUENCE LISTING

Assistant Commissioner for Patents Washington, DC 20231

Sir:

This Amendment re Sequence Listing is being submitted in reply to the Notice to File Missing Parts of Nonprovisional Application, dated October 19, 2001. The present Amendment is submitted to comply with requirements for patent applications containing nucleotide sequence and/or amino acid sequences.

The Commissioner is authorized to charge any fees, including extension fees, which may be required, or credit any overpayment to Deposit Account No. 06-1300 (Our Order No.

A-69605-1/DJB/RMS/DCF).

Please amend the application as follows and to comply with requirements for patent applications containing nucleotide sequence and/or amino acid sequence disclosures in adherence with rules 37 C.F.R. § 1.821-1.825:



IN THE SPECIFICATION:

Please insert the following paragraph starting on page 1 line 5:

- SEQUENCE LISTING

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The compact disc containing the Sequence Listing is hearby incorporated by references. The compact disc contains the file named Seq. List for 09_940,185, created on January 22, 2002, and containing 1000 kilobytes.

Please replace the section entitled "Summary of the Invention", starting on page 5, line 12, with the following rewritten section:

SUMMARY OF THE INVENTION

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In accordance with the above objects, the invention also provides a method of detecting a target nucleic acid. The method comprises contacting the target nucleic acid with an adapter sequence such that the target nucleic acid is joined to the adapter sequence to form a modified target nucleic acid. In addition, the method comprises contacting the modified target nucleic acid with an array comprising a substrate with a surface comprising discrete sites and a population of microspheres comprising at least a first subpopulation comprising a first capture probe, such that the first capture probe and the modified target nucleic acid form a complex, wherein the microspheres are distributed on the surface, and detecting the presence fo the target nucleic acid. In addition the method comprises adding at least one decoding binding ligand to the array such that the identity of the target nucleic acid is determined. Preferably the adapter nucleic acids include a sequence as set forth in Table 1 (SEQ ID NOS: 17-4000), Table 2 (SEQ ID NOS: 1-40, 42-54, 56-115, 117-272, 274-295, 297-300, 302-329, 331-332, 334-370, 372-437, 439-454, 456-457, 459-475, 477-503, 505-540, 542-548, 550-598, 600-649, 651-759, 761-847, 849-1147, 1149-1155, 1157-1171, 1173-1203, 1205-1250, 1252-1275, 1277-1284, 1286-1289, 1291-1568, 1570-1996, 1998-2014, 2016-2044, 2046-2139, 2141-2183, 2185-2195, 2197-2215, 2217-2532, 2534-2565, 2567-2569, 2571-2597, 2599-2619, 2621-2639, 2641-2698, 2700-2746, 2748-2772, 2774-2777, 2779-2803, 2805-2832, 2834-2877, 2879-2915, 2917-2969, 2971-3009, 3011-3044, 3046-3078, 3080-3159, and 3161-3232), Table 3 (SEQ ID NOS: 1-16, 18-40, 42-54, 56-113, 117-210, 213-272, 274-295, 297-300, 302-309, 312-329, 331-332, 334-370, 372-408, 411-437, 439-456, 459-475, 477-508, 512-540, 542-548, 550-598, 600-608, 611-649, 651-705, 708-759, and 761-802) or Table 4 (SEQ ID NOS: 4001-4768).

In addition the invention provides a method of making an array. The method comprises forming a surface comprising individual sites on a substrate, distributing microspheres on the surface such that the individual sites contain microspheres, wherein the microspheres comprise at least a first and a second subpopulation each comprising a capture probe, wherein the capture probe is complementary to an adapter sequence, the adapter sequence joined to a target nucleic acid, and an identifier binding ligand that will bind at least one decoder binding ligand such that the identification of the target nucleic acid is elucidated. Preferably the adapter nucleic acids include a sequence as set forth in Table 1, Table 2, Table 3 or Table 4.

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In addition the invention provides a kit comprising at least one nucleic acid selected from the group consisting of the sequences set forth it Table 1, Table 2, Table 3 or Table 4. In one embodiment the invention provides a kit that includes a nucleic acid that includes a sequence as set forth in Table 1, Table 2, Table 3 or Table 4.

In addition the invention includes an array composition comprising a first population of microspheres comprising first and second subpopulations, wherein the first subpopulation includes a first nucleic acid selected from the sequences set forth in Table 1, Table 2, Table 3 or Table 4 and the second subpopulation includes a second sequence selected from the sequences set forth in Table 1, Table 2, Table 3 or Table 4.

In addition the invention includes an array composition comprising a first sequence at a known location on a substrate, wherein the first sequence is selected from the sequences set forth in Table 1, Table 2, Table 3 or Table 4.

In addition the invention includes a method for making an array. The method includes distributing a population of microspheres on an substrate, wherein the population includes first and second subpopulations, wherein the first subpopulation includes a first sequence selected from the group consisting of the sequences set forth in Table 1, Table 2, Table 3 or Table 4 and the second subpopulation includes a second sequence selected from the group consisting of the sequences set forth in Table 1, Table 2, Table 3 or Table 4.

In addition the method includes a method of immobilizing a target nucleic acid. The method includes hybridizing a first adapter probe with a first target nucleic acid, wherein the first adapter probe comprises a first domain that is complementary to the first target nucleic acid and a second domain, comprising a first sequence selected from the sequences set forth in Table 1, Table 2, Table 3 or Table 4 to form a first hybridization complex. In addition the method includes contacting the first hybridization complex with a first capture probe immobilized on a first substrate, wherein the first capture probe is substantially complementary to the second domain of the first adapter probe.

cont'd

In addition the invention includes a method of decoding an array composition comprising providing an array composition that includes a substrate with a surface comprising discrete sites and a population of microspheres comprising at least a first and a second subpopulation, wherein each subpopulation comprises a bioactive agent. The microspheres are distributed on the surface. The method further includes adding a plurality of decoding binding ligands to the array composition to identify the location of at least a plurality of the bioactive agents wherein at least a first decoder binding ligand comprises a sequence selected from the group consisting of the sequences of Table 1, Table 2, Table 3 or Table 4.

A method of detecting a target nucleic acid sequence, said method comprising attaching a first adapter nucleic acid to a first target nucleic acid sequence to form a modified first target nucleic acid sequence, wherein the first adapter nucleic acid includes a sequence selected from the sequences set forth in Table 1, Table 2, Table 3 or Table 4. The method further includes contacting the modified first target nucleic acid sequence with an array comprising a substrate with a patterned surface comprising discrete sites and a population of microspheres comprising at least a first subpopulation comprising a first capture probe, such that the first capture probe and the modified first target nucleic acid sequence form a hybridization complex; wherein the microspheres are distributed on the surface and detecting the presence of the modified first target nucleic acid sequence.

Please replace the paragraph starting on page 13, line 30, with the following rewritten paragraph:

Accordingly, by "adapter sequences" or "adapters" or grammatical equivalents is meant a nucleic acid segment generally non-native or exogenous to a target molecule that is used to immobilize the target molecule to a solid support via binding to a capture probe sequence. In

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143, con'd a preferred embodiment the adapter sequences and capture probes are selected from the

sequences set forth in Table 1, Table 2, Table 3 or Table 4

Please replace the paragraph starting on page 13, line 36, with the following rewritten paragraph:

Table 1 (SEQ ID NOS: 17-4000) includes the sequence of the preferred 3983 sequences
labeled "Decoder (5'-3')", and inherent in this table are the complementary sequences as well.

In addition, the invention includes oligonucleotides that are complementary to those depicted in Table 1.6

Please replace the paragraph starting on page 14, line 1, with the following rewritten paragraph:

■Table 2 (SEQ ID NOS: 1-40, 42-54, 56-115, 117-272, 274-295, 297-300, 302-329, 331-332, 334-370, 372-437, 439-454, 456-457, 459-475, 477-503, 505-540, 542-548, 550-598, 600-649, 651-759, 761-847, 849-1147, 1149-1155, 1157-1171, 1173-1203, 1205-1250, 1252-1275, 1277-1284, 1286-1289, 1291-1568, 1570-1996, 1998-2014, 2016-2044, 2046-2139, 2141-2183, 2185-2195, 2197-2215, 2217-2532, 2534-2565, 2567-2569, 2571-2597, 2599-2619, 2621-2639, 2641-2698, 2700-2746, 2748-2772, 2774-2777, 2779-2803, 2805-2832, 2834-2877, 2879-2915, 2917-2969, 2971-3009, 3011-3044, 3046-3078, 3080-3159, and 3161-3232) includes the sequence of the preferred adapter/capture probe sequences and their complementary sequence. Table 2 depicts a preferred subset of 3176 decoder oligonucleotides and their complementary probe oligonucleotides. Accordingly, the invention provides compositions comprising a sequence as outlined in Table 2. In addition, the invention provides a composition comprising a complementary binding pair as outlined in Table 2.

Please replace the paragraph starting on page 14, line 6, with the following rewritten paragraph:

Table 3 (SEQ ID NOS: 1-16, 18-40, 42-54, 56-113, 117-210, 213-272, 274-295, 297-300, 302-309, 312-329, 331-332, 334-370, 372-408, 411-437, 439-456, 459-475, 477-508, 512-540, 542-548, 550-598, 600-608, 611-649, 651-705, 708-759, and 761-802) includes a preferred subset of 767 decoder oligonucleotides and complementary probe sequences. In some embodiments it may be desirable to include a uniform base at a terminus of the oligonucleotide, such as a T at the 5' end as depicted in Table 4. The inclusion of this uniform or constant base facilitates uniform labeling of the oligonucleotides.

Please replace the paragraph starting on page 14, line 21, with the following rewritten paragraph:

As will be appreciated by those in the art, it is desirable to have adapter sequences that do not have significant homology to naturally occurring target sequences, to avoid non-specific or erroneous binding of target sequences to the capture probes. Accordingly, preferred embodiments utilize some method to select useful adapter sequences. In a preferred embodiment the method is outlined in Figure 1. Briefly, random 24-mer (or could be any desired length as outlined herein), sequences were assembled and subjected to certain defined screening procedures including such steps as requiring that the Tm of each of the sequence be within a pre-defined range. In addition the GC content must be balanced with the AT content and the self-complementarity must be minimized. In addition GC runs should be minimized, that is, runs of Gs or Cs should be reduced. In addition, decoder (adapter) to decoder (adapter) complementarity should be reduced so that the adapters do not hybridize with each other. Finally, the sequences are screened against a specified genomic database. In a preferred embodiment the adapters comprise at least one sequence selected from the sequences in

Table 1, Table 2, Table 3 or Table 4.-

Please replace the paragraph starting on page 17, line 6, with the following rewritten paragraph:

The adapter sequences may be chosen as outlined above. Preferably the adapters are selected from the sequences set forth in Table 1, Table 2, Table 3 or Table 4. These adapter sequences can then be added to the target analytes using a variety of techniques. In general, as described above, non-covalent attachment using binding partner pairs may be done, or covalent attachment using chemical moieties (including linkers).

Please replace the table starting on page 139, line 1, with the following rewritten table:

-TABLE 2

Seq. ID No.	Decoder Sequence (5'-3')	Probe Sequence (5'-3')
1	TTCGCCGTCGTGTAGGCTTTTCAA	TTGAAAAGCCTACACGACGGCGAA
2	TTCGAAGCGCACGTCCCTTTTCAA	TTGAAAAGGGACGTGCGCTTCGAA
3	AACGCGTGGGGAATGGGACATCAA	TTGATGTCCCATTCCCCACGCGTT
4	CCGTCGCATACCGGCTACGATCAA	TTGATCGTAGCCGGTATGCGACGG
5	ATGGCCGTGCTGGGGACAAGTCAA	TTGACTTGTCCCCAGCACGGCCAT
6	TTGCAACGGGCTGGTCAACGTCAA	TTGACGTTGACCAGCCCGTTGCAA
7	CGCATAGGTTGCCGATTTCGTCAA	TTGACGAAATCGGCAACCTATGCG
8	CCGTTTGCGGTCGTCCTTGCTCAA	TTGAGCAAGGACGACCGCAAACGG
9	TTCGCTTTCGTGGCTGCACTTCAA	TTGAAGTGCAGCCACGAAAGCGAA
10	GTCCAACGCGCAACTCCGATTCAA	TTGAATCGGAGTTGCGCGTTGGAC
11	TTGCCGCACCGTCCGTCATCTCAA	TTGAGATGACGGACGGTGCGGCAA
12	CATCGTCCCTTTCGATGGGATCAA	TTGATCCCATCGAAAGGGACGATG
13	GCACGGGAGCTGACGACGTGTCAA	TTGACACGTCGTCAGCTCCCGTGC
14	AGACGCACCGCAACAGGCTGTCAA	TTGACAGCCTGTTGCGGTGCGTCT
15	CGTGTAGGGGTCCCGTGCTGTCAA	TTGACAGCACGGGACCCCTACACG
16	CATCGCTGCAAGTACCGCACTCAA	TTGAGTGCGGTACTTGCAGCGATG
17	GGCTGGTTCGGCCCGAAAGCTTAG	CTAAGCTTTCGGGCCGAACCAGCC

A9

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18	GTTCCCAGTGAAGCTGCGATCTGG	CCAGATCGCAGCTTCACTGGGAAC
19	TACTTGGCATGGAATCCCTTACGC	GCGTAAGGGATTCCATGCCAAGTA
20	ACTAGCATATTTCAGGGCACCGGC	GCCGGTGCCCTGAAATATGCTAGT
21	GAACGGTCAATGAACCCGCTGTGA	TCACAGCGGGTTCATTGACCGTTC
22	GCGGCCTTGGTTCAATATGAATCG	CGATTCATATTGAACCAAGGCCGC
23	GATCGTTAGAGGGACCTTGCCCGA	TCGGGCAAGGTCCCTCTAACGATC
24	TGGACCTAGTCCGGCAGTGACGAA	TTCGTCACTGCCGGACTAGGTCCA
25	ATAAACTACCCAGGACGGGCGGAA	TTCCGCCCGTCCTGGGTAGTTTAT
26	CATCGGTTCGCGCCAATCCAGATA	TATCTGGATTGGCGCGAACCGATG
27	GTCGGGCATAGAGCCGACCACCCT	AGGGTGGTCGGCTCTATGCCCGAC
28	CTTGGGTCATGATTCACCGTGCTA	TAGCACGGTGAATCATGACCCAAG
29	TGCCTAACGTGCTAATCAGCAGCG	CGCTGCTGATTAGCACGTTAGGCA
30	CGCATGTTGGAGCATATGCCCTGA	TCAGGGCATATGCTCCAACATGCG
31	AGCCACTGCATCAGTGCTGTTCAA	TTGAACAGCACTGATGCAGTGGCT
32	GGTTGTTTTGAGGCGTCCCACACT	AGTGTGGGACGCCTCAAAACAACC
33	TCGACCAAGAGCAAGGGCGGACCA	TGGTCCGCCCTTGCTCTTGGTCGA
34	GACATCGCTATTGCGCATGGATCA	TGATCCATGCGCAATAGCGATGTC
35	GAAATACGAAGTCTGCGGGAGTCG	CGACTCCCGCAGACTTCGTATTTC
36	TGTCATGAATGATTGATCGCGCGA	TCGCGCGATCAATCATTCATGACA
37	ATATCGGGATTCGTTCCCGGTGAA	TTCACCGGGAACGAATCCCGATAT
38	GCGAGCGTACCGAAGGGCCTAGAA	TTCTAGGCCCTTCGGTACGCTCGC
39	TTACCGGCAGCGGACTTCCGAATT	AATTCGGAAGTCCGCTGCCGGTAA
40	GTAATCGAGAGCTGCGCGCCGTCT	AGACGCCCCCAGCTCTCGATTAC
42	CCTGTTAGCGTAGGCGAGTCGATC	GATCGACTCGCCTACGCTAACAGG
43	TAGCGGACCGGCAGAATGAGTTCC	GGAACTCATTCTGCCGGTCCGCTA
44	GGTACATGCACTACGCGCACTCGG	CCGAGTGCGCGTAGTGCATGTACC
45	AATTCATCTCGGACTCCCGCGGTA	TACCGCGGGAGTCCGAGATGAATT
46	GCCAAATCTGGATTGGCAGGAATG	CATTCCTGCCAATCCAGATTTGGC
47	TGCATTTTCGGTTGAGGCACATCC	GGATGTGCCTCAACCGAAAATGCA
48	CCGCTCAATTCACCATGCTTCGCT	AGCGAAGCATGGTGAATTGAGCGG
49	CTCGGAAAGGTGCAACTTTGGTGT	ACACCAAAGTTGCACCTTTCCGAG
50	AATTCGACCAGCAGAACGTCCCAT	ATGGGACGTTCTGCTGGTCGAATT
51	GCCAGAGTCTCAACCTCACGGGAT	ATCCCGTGAGGTTGAGACTCTGGC
52	CCAACAACTGGAACGGGAACCCGC	GCGGGTTCCCGTTCCAGTTGTTGG
53	GAGAACTGATCGCTGAGGGGCATG	CATGCCCCTCAGCGATCAGTTCTC
54	GGCACACTAGACTTGTGGCACCGA	TCGGTGCCACAAGTCTAGTGTGCC
56	TCACATCCAAATATGGTCCGCGAA	TTCGCGGACCATATTTGGATGTGA
57	GTCTGCCGGTGTGACCGCTTCATT	AATGAAGCGGTCACACCGGCAGAC

129 Com. 1

58	CATCGCAGAGCATAAACACCCTCA	TGAGGGTGTTTATGCTCTGCGATG
59	GTTGGTATCTATGGCAGAGGCGGA	TCCGCCTCTGCCATAGATACCAAC
60	ACGAGGTGCCGCTGAGGTTCCATT	AATGGAACCTCAGCGGCACCTCGT
61	GGAATGAGTGGACCCAGGCACATT	AATGTGCCTGGGTCCACTCATTCC
62	TGTCAATATGCGTCCGTGTCGTCT	AGACGACACGGACGCATATTGACA
63	TGATGAGCCTCAGGGTACGAGGCA	TGCCTCGTACCCTGAGGCTCATCA
64	CACCGCGGTGTTCCTACAGAATGA	TCATTCTGTAGGAACACCGCGGTG
65	TTGTTGCCAATGGTGTCCGCTCGG	CCGAGCGGACACCATTGGCAACAA
66	TTAACCTGCGTCTGCCCCTTTCCT	AGGAAAGGGCAGACGCAGGTTAA
67	AGGCGCGTTCCTGCCTTAGTGACG	CGTCACTAAGGCAGGAACGCGCCT
68	TAGGGCGATGGCACGAAGCTTCAA	TTGAAGCTTCGTGCCATCGCCCTA
69	TGCATAGAGCCAAAGTCGGCGATG	CATCGCCGACTTTGGCTCTATGCA
70	TTGAGAGGCAGGTGGCCACACGGA	TCCGTGTGGCCACCTGCCTCTCAA
71	TCCGCATTGTGAGAAAAAACGAGC	GCTCGTTTTTTCTCACAATGCGGA
72	GGCGGTTTCCGTAGCTATAGGTGC	GCACCTATAGCTACGGAAACCGCC
73	GGTGAAAATTTCGTAGCCACGGGC	GCCCGTGGCTACGAAATTTTCACC
74	CCGACGGAGGATGAAGACAATCAC	GTGATTGTCTTCATCCTCCGTCGG
75	CCAGTTTGGCCCAATTCGCCAAAA	TTTTGGCGAATTGGGCCAAACTGG
76	GGATCTATTAGGCCGTGCGCACAG	CTGTGCGCACGGCCTAATAGATCC
77	CGGATGTCACCGTTTGGACTTTCA	TGAAAGTCCAAACGGTGACATCCG
78	ATCGCAAATCCTGCTCGTCCCTAA	TTAGGGACGAGCAGGATTTGCGAT
79	CAGGGCATGCAATAATCGAGGTTC	GAACCTCGATTATTGCATGCCCTG
80	CATGCGTTGATATATGGGCCCAAG	CTTGGGCCCATATATCAACGCATG
81	CAGCTGCAGCTTGTGACCAACCAC	GTGGTTGGTCACAAGCTGCAGCTG
82	TTGTATGTCTGCCGACCGGCGACC	GGTCGCCGGTCGGCAGACATACAA
83	GATGGCGCCCGTTGATAGGTATGG	CCATACCTATCAACGGGCGCCATC
84	ATGAGAATCGCCGGCAATCTGCTA	TAGCAGATTGCCGGCGATTCTCAT
85	ATTTGCACTGACCGCAGGCTCGTG	CACGAGCCTGCGGTCAGTGCAAAT
86	CAGGGAGAACGGTTAAGTTCCCGT	ACGGGAACTTAACCGTTCTCCCTG
87	AGGCCGGCGATCGAGGAGTTTGGT	ACCAAACTCCTCGATCGCCGGCCT
88	ACACGGTGGTCTCTGATAGCGACC	GGTCGCTATCAGAGACCACCGTGT
89	GTGCAACGCCGAGGACTTCCATCA	TGATGGAAGTCCTCGGCGTTGCAC
90	TCGGTGCCTGATAGCCATTCCGAT	ATCGGAATGGCTATCAGGCACCGA
91	TGAAATACCACACAGCCAATTGGC	GCCAATTGGCTGTGTGGTATTTCA
92	GCATCGTGTACATGACTGCCGCGA	TCGCGGCAGTCATGTACACGATGC
93	CAGTGTTCTAACGGCGCGCGTGAA	TTCACGCGCGCCGTTAGAACACTG
94	CGCTTGCAACGTTGCACCTACTCT	AGAGTAGGTGCAACGTTGCAAGCG
95	CGAAAAACTAGTGGGCTCGCCGCG	CGCGGCGAGCCCACTAGTTTTCG



96 CITICAGGGAACTGCCGGAGTCG CGACTCCGGCAGTTCCCCTGAAAG 97 TITGTGGCCTTCTTGTAAAGGCACG CGTGCCTTTACAAGAAGGCCACAA 98 TCCACGAACGGCGACCCGTTGTCT AGACAACGGCTCGCCGTTTGTGGA 99 CGACCTTGCACGAAACCTAACGAG CTCGTTAGGTTTCGTGCAAGGTCG 100 GTGCAGCTTCACCAGACCAGCCTGA TCAGGCTGGCTCGTGAAGCTGCAC 101 CGCTTTCACGAGCCAGCCAGCTGA TCAGGCTGGCTCGTGAAGCTGCAC 102 TGCGCTTACCAGGCCAGCCTGA TCAGGCTGGCTCGTGAAGCTGCAC 103 CACGCGCTTAGTCGCAATAGACGATA TCATCGCTCTATTCCCACGAAAACG 104 CGGAGGGAGGCAGCCTTCGA TCAGAGGCCTGAAACGCGTG 105 GCATCCGGCCTTTGATGACGCCT AGGCGTCACCACCACCACCACCACCACCACCACCACCACCACCAC		T	Ториотородомотородом
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99 CGACCTTGCACGAAACCTAACGAG CTCGTTAGGTTTCGTGCAAGGTCG 100 GTGCAGCTTCACGAGCCAGCCTGA TCAGGCTGGCTCGTGAAGCTGCAC 101 CGCTTTCGTGCGAATAGACCATGA TCATCGTCTATTCGCACGAAAGCG 102 TGCGCTTACAGGCTCCTAGTGGTC GACCACTAGGAGCCTGTAAGCCGCA 103 CACGCGCTTACAGGCTCCTAGTGGTC GACCACTAGGAGCCTGTAAGCCGCA 104 CGGAGGGAGGGAGCTAGCCTTCGA TATGCGATCGCGACTAAGCGCCGTG 105 GCATCCGGCCTGTTGATGACCCCT AGGCGTCATCAACACGCCGGTG 106 AGGCCAATCGATCTTATTGCCGAG CTCGGCAATAGAGCCCGGATGC 107 CCTTCCAATGATTGCATACGCCCA TGGGCGTATGCAATCAGTGGCCT 108 AACACTTGATCAGGCGGATCCCT AGACGACCACCTGAATCAATTGGAAGG 109 TGGAATCAAGGCCGAAAGGACAG CTCGCCAATCAATTGGAAGG 109 TGGAATCAAGGCCGTAAAGGACAG CTGTCCTTTAAGCGCCT 110 GCTCCCGTAACCTGTCCACCAGTG CACTGGTGGACAAGGTTACGGGGAGC 111 AGTGGTGAATGGCCCAACCAGTG CACTGGTGGACAAGGTTACCGCCT 112 TGTTGAAGCGAGCTAACACGCCA TGGCCGTTTAACCACACT 113 CAGCGCTCCAGAATTGACACGCCA TGGCCGTTTAACCACACT 114 AAGTGGTGAATGACACGCAAT ATTGCTGCACCACTT 115 CGTTAAACCGCAATCCATTTTGGCTA TAGCCAAATGAATGGCACCACCTT 116 CGTTAAACCGCAATCCGTTCGGCT AGCCGAATGAGATGGCGCCTTCAACA 117 CACGGAATACCGCCATCCGTTCGGCT AGCCCGAATGGAGCGCCATTCACCACTT 118 CTACGGCAAACCGGTTACATTTTGGCTA TAGCCAAATGAATGGCACCACCTTT 119 GTAGGGCGATACCGGTCGGATAGGGT CCACCCTTACGCCCGGTATTTAACCTCGTT 119 GTAGGGCGATGCCGGCGTAAGGGTGG CACCCTTTACGCCGGTATCTCGGTG 119 GTAGGGCGATGACGGGGGGAACTAC GTAGCTCACACAGGTTTGCCGTAC 120 AATCGACCTCCGCCGCAACACTTCGCA TGCGCCTCACCCGGTATCTCGCCTAC 121 AACGGAATACCGGGGCGAACCACTTC GACCCTTCACCCCGGTATCTCGCCTAC 122 AGATAAAAGACGCACACTTCGA TGCGAATGGTGGAATGGGT 123 GGTACCTCAACACAGGGCGCAACCACTTT ACAAGTGGTTCGCGTTAACCC 124 AACCGAAACCAGGGAACCACTTCT ACAAGTGGTTCCACCACGTTTTACCT 125 AGACTTAACCCGCAACCACTTTC ACAAGTGTTCGCGTTAAGCCTTCAACACACGGGTTTAACCCAACACGGG CCCGTTTTTATCT 125 AGACTTAACCCCAACACACGGG CCCGGTTTTCCGCCTAC 126 AACCGTACCCAACACAGGGCGCGAACCATTCTCGCCCGCAACCACTTT 127 TAGGTTGCCCGCAAACACGGG CCCGGTTTTCTCTTTACTT 128 AGACTTACCCAAAGACCACTTCT ACAAGTTCTCTGCCTTCAACACCCTTTCGCTTTACCCCGCGGGAACCTTAATTCTCAACACACGCGCGCAACCTTTTTTCTTTTCTTTC			
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102 TGCGCTTACAGGCTCCTAGTGGTC 103 CACGCGCTTAGTCGCATA 104 CGGAGGGAGGAGCTAGCCTTCGA 105 CACTCCGGCCTTGATTGACCCTTCGA 106 CGATCCGGCCTTGTTGATGACGCCTT 107 CCTTCCAATGATTGCCGAG 108 AGGCCAATCGATTGCCAGA 109 CCTTCCAATGATTGCCAGA 100 CCTTCCAATGATTGCCAGA 100 CCTTCCAATGATTGCCAGA 101 CCTTCCAATGATTGCCAGA 102 CCTTCCAATGATTGCCAGA 103 CACCGCCTGATCAAACAGCCCTA 104 CCTTCCAATGATTGCCAGA 105 CCTTCCAATGATTGCCACAG 106 AGGCCAATCAATTGCCACA 107 CCTTCCAATGATTGCATACGCCCA 108 AACACTTGATCAGGCGGGTCGTCT 109 TGGAATCAAGGCCGTAAAGGACAG 109 TGGAATCAAGGCCGTAAAGGACAG 110 CCTCCCGTAACCTGTCCACCAGTG 111 AGTGGTGAATGGCCGCTACCCTGA 111 CGCTCCCGTAACCTGTCCACCAGTG 112 TGTTGAAGCGAGCCTACCCTGA 113 CAGCGCTCCAGAATTGACAGCAAT 114 AAGTGGTGCACTTCAACTGTCCACCAGT 115 CGTTAAACCGCAGATTCACTTTGGCCT 116 CGTTAAACCGCAATTCATTTGGCTA 117 CACGAGATACCGGCCTACCCTGA 118 CTACCGCCAATCCGTTCGGCT 119 CACGAGATACCGGCGTAAGGGTG 119 CACGAGATACCGGCGTAAGGGTG 119 GTAGGCGAAACCGACCAATCC 110 CACGACAATGACGCCA 111 CACGGCAAACCGGCGTAAGGGTG 112 CACCCTTACGCCGTTCCCCTC 120 AATCGACCTCCGCACACATTCCGCT 121 GAGTCAGCATCACTTTCGCA 122 AGATAAAAGACGCCGACACATTCCGCC 123 GGTACCCTCACACCACTTTCTCGCC 124 AAGCGATGCCGCGCACACACTTCC 125 AGACTTATGCCACACCTTTTATCCT 126 ATCGGCTACCCAAGACCACTTTC 127 TAGGTTGCCCGCACACACTTTCT 128 GGTACCCTCACACGCGACCACCTTTT 129 TAGGTCCCCCCCCCCCCCCCCCTTTCACCCCTTC 120 AATCGACCTCCCACACACTTCTCCACCCTTTCTCCCCTTC 121 AGACCACCCCCCACCACACTTTC 122 AGATAAAAGACCCTGCCACACACTTCT 123 GGTACCTCAACGCGAACCACCTTCT 124 AACCGATGGCTACCCAAGAGCCACTTCT 125 AGACCTTCACCCCACACACTTCTC 126 ATCGGTCTCACCCACACACTTCT 127 TAGGTTGCCCCCCCCCCCCCCCTCCTTTCACCCCTC 128 AGACCTTCACCCCACACACTTCT 129 TAGGTTCCCCCCCCCCCCACCACCCTT 126 ATCGGTCTCACCCACACACTTCT 127 TAGGTTGCCCCCCCCCCCCCCCCCATCCTTCACCCCCCCC	100		TCAGGCTGGCTCGTGAAGCTGCAC
103 CACGCGCTTAGTCGCGATCGCATA 104 CGGAGGAGGAGGAGCTAGCCTTCGA 105 GCATCCGGCCTGTTGATGACGCCT 106 AGGCCAATCGATCTATTGCCGAG 106 AGGCCAATCGATCTTATTGCCGAG 107 CCTTCCAATGATTGATACGCCCA 108 AACACTTGATCAGAGGGGGTCGTCT 109 TGGAATCAAGGCCGGATGC 110 GGCCCGTATCAACAGGCCGCTGATCAACAGGCCGATGC 111 AGTGGTACACAGGCCGGTCGTCT 112 TGTTGAAGCAGCTCTACCCCAGTG 113 CAGCGCTCCAGAACTTGACGCCA 114 AAGGTGGTCCAACAGACCAG 115 CGTTAAACCGCCAATGGACAG 116 AGGCCAATCAACGACCGCCTTGATCAAGTTCCA 117 CACGAGATCCAGACGACAG 118 CAGCGCTCACCAGAGACAG 119 TGGAATCAAGGCCGACCCCGCTGATCAAGTTCCA 110 GCTCCCGTAACCTGTCCACCAGTG 111 AGTGGTGAATGGCCGCACCCTGA 112 TGTTGAAGCGAGGTCACCCTGA 113 CAGCGCTCCAGAATTGACAGCCAA 114 AAGGTGGTGCACCACCAGTG 115 CAGCGCTCCAGAATTGACAGCAAT 116 CAGCAGCTCCAGAATTGACAGCAAT 117 CACGAGATTACCGCCATTCATTTGGCTA 118 CTACGCCAATCCGTTCGGCT 119 GTAGGCCGAACCGGTTCACCCTGC 119 GTAGGCCGAACCGGTGGGACACCACCTT 120 AATCGACCTCCGCACCATCCGCA 121 GAGTCACCACCATTCGCA 122 AGATAAAGACGGCGAACTCCGTACCGCACCTTCCACCACCTTCCCCTAC 123 GGTACCTCCGCACACATTCGCA 124 AAGCGATGCGGCGGAGACTAC 125 AGACTAAGACGCGGCGAACCACCTTTG 126 AGACCACCACCTTGGCACCACCACTTGT 127 GAGTCACCCAGCAGCGGCC 128 AGATAAAGACGCTGGCAACACGGG 129 AGATCACCACCAGGGGCGCC 120 AATCGACCTCCCCACACACCTTGT 121 AAGCGATGGCTGCCCACCACCTTGT 122 AGATAAAGACGCTGGCAACACCGGG 123 GGCCCTTGGGTAGCCCCTACCTTTACCCCGCTCATCGCCCTAC 124 AAGCGATGGCGGCGAACCACCTTGT 125 AGAGCTTATGCAGAACCACGGG 126 CCCGTGTTGCCAGCCGTTTAACCT 127 TAGGTTCCCCCAACAACACGGG 128 CTCGTTTGCAACACCGGT 129 TGATGAAACGCTGCAACAACACGGG 129 TGATGAAACCTTCCCAAAACCCTTGGAAT 127 TAGGTTCCCCCCAAAAACCCTTGT 128 CGGCCTTTTCGCAACACCACCTT 129 TGATGAAACGTTGCAAAACCCTTGTACCCCGCCCCAACCTTT 121 TAGGTTCCCCCCAAAAACCCTTGTACCCCGCCCCAACCTACCT	101	CGCTTTCGTGCGAATAGACGATGA	TCATCGTCTATTCGCACGAAAGCG
104 CGGAGGAGGAGCTAGCCTTCGA 105 GCATCCGGCCTGTTGATGACGCCT 106 AGGCCAATCGATCTTATTGCCGAG 107 CCTTCCAATGATTGATACGCCCA 108 AACACTTGATCACAGGCCGAGTGC 109 TGGAATCAAGGCCGGTCGTCT 109 TGGAATCAAGGCCGTAAGGACAG 110 GCTCCCGTAACCTGCCCAAGGACCAGCCTGATCAAGTGTT 109 TGGAATCAAGGCCGTAAAGGACAG 110 GCTCCCGTAACCTGCCACCAGTG 111 AGTGGTGAATGGCCGCATGACCAGTG 112 TGTTGAAGCGCGCTAAACGGCCA 113 CAGCGCTCCAGAATTGACAGCCA 114 AAGGTGGTGCCATTTACGCCCATTTACGGCCTTGATTCCACCACT 115 CATTCAACATTGACAGCCAATTGACAGCAAT 116 CACGAGATTGCCAGCAAT 117 CACGAGATTCACCAGTG 118 CTACGGCAATCCGTTCGGCT 119 CACGAGATACCGGCCATTCACCACTT 119 CACGAGATACCGGCCATACCAGTG 119 GTAGGGCGAATCCGTTCGGCT 110 CACGAGATTGCCGCTAAGGACGAT 111 CACGACATCCGTTCGGCT 112 CACGACGATCCGTTCAGCCGCTAAGGGTG 113 CACGACGATCCGTTCGGCT 114 AAGGTGGTGCCATTCATTTGGCTA 115 CACGACAGTTGCCGCTTCAGCCCTTT 116 CACGACATACCGGCGTAAGGGTGG 117 CACGACGATCCGTTCGGCT 118 CTACGGCAAACGTGTGGAATGGGT 119 GTAGGGCGAACCAGTGGGT 119 GTAGGGCGAACCGGTGGAACCACTT 120 AATCGACCTCCGCACACATTCGCA 120 AATCGACCTCCGCACACATTCGCA 121 GAGTCAGCAGCGGGGGGGAGATTC 122 AGATAAAGACGGCGGAACCACTT 123 GGTACCTCACCCAAGAGCGGAT 124 AAGCGATGGCGGCGGAACACCGGG 125 AGACCTTAGCCCAACACCTTGT 126 AGACCTTAGCCCAACACCTGGT 127 AGACCTCCACAGACCACTTGT 128 AGACCTTAGCACCAGGACCACTTGT 129 AACGGATGGCTACCCAAGAACCAGTT 126 ATCGGTCTCACCCAAGAACCAGTT 127 TAGGTTGCCCGCCCCAACACCTT 128 CGGTGCTTACCACAGAGCGAT 127 TAGGTTCCCCGCCACAAAAACACTT 128 CGGTGCTTACCAAAGACCAGT 129 TGATGAAAAGCTTTACAACCAGCGCC 129 TGATGAAAAGCTTTACAAACCAGCGCC 129 TGATGAAAAGCTTTACAACCAGCGCACCATTCACCCAACCATTCACCCAACCATTCACCAACCAGCACCATTCACCAACCA	102	TGCGCTTACAGGCTCCTAGTGGTC	GACCACTAGGAGCCTGTAAGCGCA
105 GCATCCGGCCTGTTGATGACGCCT 106 AGGCCAATCGATCTTATTGCCGAG 107 CCTTCCAATGATTGATACGCCCA 108 AACACTTGATCAGGCGGGTCGTCT 109 TGGAATCAAGGCCGGTAAAGGACAG 110 GCTCCCGTAACAGGCCGGTCATACGGCCGATGCCAGATACAGGCCTGATCAAGTGTT 109 TGGAATCAAGGCCGTAAAGGACAG 110 GCTCCCGTAACCTGCCACCAGTG 111 AGTGGTGAATGGCCGCTAAACGACAG 112 TGTTGAAGCGAGCTCAACAGGCCA 113 CAGCGCTCCAGAATTGACAGCAAT 114 AAGTGGTGAATTGACAGCAAT 115 CAGCGCTCCAGAATTGACAGCAAT 116 CACCAGAATTGACAGCAAT 117 CACGAGATTCACTTGGGCT 118 CTACGGCAATCCGTTCAGCCGTT 119 GTAAACCGCAATCCGTTCGGCT 119 GTAGGGCGAACAGTTCACCTGA 110 CACGAGATACCGGCGTAACCATT 111 AAGTGGTGCAATCCGTTCAGCACAT 111 AAGTGGTGCCATTCATTTGGCTA 112 TGTTGAAACCGCAATCCGTTCGGCT 113 CACGAGATTACCTGGGCT 114 AAGGTGGTGCCATTCATTTGGCTA 115 CGTTAAACCGGCAATCCGTTCGGCT 116 CACGAGATTACCGGCGTAAGGGTGG 117 CACGAGATTACCGGCCGTAAGGGTGG 118 CTACGGCAAACGTGTGGAATGGGT 119 GTAGGGCGAACCGTTAGGGT 110 AATCACCTCCGCACAACATTCGCA 111 GAGTCAGCCTCGCCCCTAC 111 GAGTCAGCACACATTCGCA 112 GAGTCAGCATGCGCGCGAACCACTT 113 GAGTCAGCATGCGCGCGAACCACTT 114 GAGTCAGCACACACTTCGCA 115 GAGTCACCCAAGAGCGGATTCGCCCCGCCCATGCTGACTC 110 AATCGACCTCCGCACACATTCGCA 111 GAGTCAGCAGCGCGCCACCACTTT 111 GAGTCAGCCGGCAACCACTTGT 112 GAGTCAGCAGCGCGCAACACCGGG 113 AACATTGCCCCGCCAACACCACTT 114 CACGGCTACCCAAGAGCGAT 115 CACGGATGGCGGCGAACCACTTGT 116 CTACGGCCGCCCATGCTGACCCACCACTTT 117 CACGACCTCCAACACGGGCCCC 118 CTACACCCTGCGGGAACCACCTTGT 118 CTACGGCTTACCCAAGAGCGAT 119 GTAGGACCTCCAACACAGGGCCCC 110 CTACACCCTGCGGGAACCACCTTGT 110 CACGACCTCCCAAGAACCAGGG 111 CACGCTCTACCCAAGACCAGGG 111 CACGCTCTCACCCAAGACCACCGG 111 CACGCTCTCACCCAAGAACCAGGCACCACTTGT 112 CACGCTCCACCAAGAACACATTGCACCAACACCAGGCACCATCCCTTTTACCT 112 CACGCTCCACACAACACAGACCAGCACCACCACCACCACCACCACC	103	CACGCGCTTAGTCGCGATCGCATA	TATGCGATCGCGACTAAGCGCGTG
106 AGGCCAATCGATCTTATTGCCGAG CTCGGCAATAAGATCGATTGGCCT 107 CCTTCCAATGATTGCATACGCCCA TGGGCGTATGCAATCATTGGAAGG 108 AACACTTGATCAGGCGGGTCGTCT AGACGACCCGCCTGATCAAGTGTT 109 TGGAATCAAGGCCGTAAAGGACAG CTGTCCTTTACGGCCTTGATTCCA 110 GCTCCCGTAACCTGTCCACCAGTG CACTGGTGACAGGTTACGGGAGC 111 AGTGGTGAATGGCCGCTACCCTGA TCAGGGTAGCGGCCATTCACCACT 112 TGTTGAAGCGAGCTAAAACGGCCA TGGCCGTTTTAGCTCGCTTCAACA 113 CAGCGCTCCAGAATTGACAGCAAT ATTGCTGTCAATTCTGGAGCGCTG 114 AAGGTGGTGCCATTCATTTGGCTA TAGCCAAATGAATGGCACCACCTT 115 CGTTAAACCGCAATCCGTTCGGCT AGCCGAATGAGGATTAACG 117 CACGAGATACCGGCGTAAGGGTGG CCACCCTTACGCCGTATCACCA 118 CTACGGCAAACGTGTGGAATGGGT ACCCATTCCACACGTTTGCCGTT 119 GTAGGCGAACGTGTGGAATGGGT ACCCATTCCACACGTTTGCCGTAC 120 AATCGACCTCCGCACACATTCGCA TGCGAATGTGGCGAGGTCGATT 121 GAGTCAGCAGCGGCGAACACGG CCCGTTTGCCCCTAC 122 AGATAAAGACGCTGGCAACACAGGG CCCGTTTGCCCGCCCATGCTTACCT 123 GGTACCTCAACGCGAACACAGGG CCCGTGTTCCCGCCCATGCTTACCT 124 AAGCGATGGCTGGCAACACGGG CCCGTGTTCCCGCTGATCCT 125 AGAGCTTATGCAACACACGGG CCCGTGTTCCGCTTAACCT 126 ATCGGCTAACGCGAACCACTTGT ACAAGTGGTTCGCGTTGAGGTACC 127 TAGGTTGCCCGCAAACAGAGCGAT ATCGCTCTTGGGTAGACCATTCT 128 CGGTACCTCACGAAACACACGGC CCGGGTCTTTATCT 129 TAGGTTGCCAGCAAAACACACTTGT ACAAGTGGTTCGCGTTGAGGTACC 129 TGATGAAAGTTTGCAAAAGCCTGTAA TTATCCAACCCTGCGTGAGACCACT 129 TGATGAAAAGTTTGCGAAAAACCCTGTAAC 130 GTTGAGTGCAGAAAAACAT ATGTTTCTTCTAACACCCGG 129 TGATGAAAAGTTTGCGAAAAACCCTGTAAC 131 AACATTGCGCGCGAACACACTGTT 132 GGCAGTTAGAAAAGCCTGTAAC CTACAGGCTTTTTCCAACAACCCTGCGTTAACCCCGCCAAACTTTCACAACCCTGCGTTAACCCCGCAAACTTTCATCAACCCTGCGTTGAGAACCACTGTTAACCTACCAACACACCCGCGCAAACTTTCCAACAACACCCCGCAACCACTTTAACCTACCAACACACCCCGCAACACTTTCCAACAACACCCCGCAACACTTTCCACCACACACTTTCAACCCCGCCAAACACTTTCAACAACACCCCGAACACACCCCGAACACACCCCGAACACCAC	104	CGGAGGGAGGGAGCTAGCCTTCGA	TCGAAGGCTAGCTCCCTCCG
107 CCTTCCAATGATTGCATACGCCCA 108 AACACTTGATCAGGCGGGTCGTCT 109 TGGAATCAAGGCCGTAAAGGACAG 110 GCTCCCGTAACCTGTCCACCAGTG 111 AGTGGTGAATGGCCGCTACCCTGA 111 AGTGGTGAATGGCCGCTACCCTGA 112 TGTTGAAGCGAGCTAAAACGGCCA 113 CAGCGCTCCAGAATTGACAGCAAT 114 AAGGTGGTGCCATCATTTTGGCTA 115 CGTTAAACCGCAATTCATTTGGCTA 116 CACCAGTTCACCACTT 117 CACCAGAATTCACCACTT 118 CAGCGCTCCAGAATTGACAGCAAT 119 CACCAGATTCACCACTT 110 CACCAGAATTCACCACT 111 AAGGTGGTGCCATTCATTTTGGCTA 111 AAGGTGGTGCCATTCATTTTGGCTA 112 TGTTGAACCGCAATCCGTTCGGCT 113 CAGCGCTCCAGAATTGACAGCAAT 114 AAGGTGGTGCCATTCATTTTGGCTA 115 CGTTAAACCGCAATCCGTTCGGCT 116 CACCAGAATACCGGCGTAAGGGTGG 117 CACCAGAGATACCGGCGTAAGGGTGG 118 CTACGGCAAACCGTGTGGAATGGGT 119 GTAGGGCGAACACGGGTGAACGGTTACCCCGTAC 120 AATCGACCTCCGCACACAATTCGCA 121 GAGTCAGCATGCGCGCGAACTAC 122 AGATAAAGACGTGTGGCAACACGGG 123 AGATCAACGACGACCACTTGT 124 AGCGATGCCGGCAACCACTTGT 125 AGACCTCCACCACACATTCCCA 126 ACCGTTCACCGCAACCACTTGT 127 AGCTTAGCCAGAACCACTGT 128 AGCGATGGCTACCCAAGAGCGAT 127 TAGGTTGCCCGCCAGAACACATTGCA 128 CGGTGCTTACCAGACCACTT 129 TGATGAAAGTTTGCAAAAGCCTTTAGCT 129 TGATGAAAGTTTGCGAAAAGCCTTTAG 130 GTTGAGTGCCAGCAACACCGGTTAGCCACCACCGTTTCACCACCGAACACCACTTTAGCT 131 AACATTGCGCGGGTCCACCAGGGTT 132 GGGCAGTTAGAAGCCTGAACCACTGTT 133 TCGAGCTGCCCCGCAAACATGTT 134 ACCCTTGCGCGCCAAACTTTCACCACCGGAACCACTTTCACCACCGCAAACCTTTCACCACCGCAAACCACTTTCACCACCGCAACCACTTTCACCACCCGAAACAACCCCGCAACCACTTTCACCACCCGAACACCCCGCAACCACTTTCACCACCCAACCACCACCACCACCACCACC	105	GCATCCGGCCTGTTGATGACGCCT	AGGCGTCATCAACAGGCCGGATGC
108 AACACTTGATCAGGCGGTCGTCT AGACGACCCGCCTGATCAAGTGTT 109 TGGAATCAAGGCCGTAAAGGACAG CTGTCCTTTACGGCCTTGATTCCA 110 GCTCCCGTAACCTGTCCACCAGTG CACTGGTGGACAGGTTACGGGAGC 111 AGTGGTGAATGGCCGCTACCCTGA TCAGGGTAGCGGCCATTCACCACT 112 TGTTGAAGCGAGCTAAAACGGCCA TGGCCGTTTTAGCTCGCTTCAACA 113 CAGCGCTCCAGAATTGACAGCAAT ATTGCTGTCAATTCTGGAGCGCTG 114 AAGGTGGTGCCATTCATTTGGCTA TAGCCAAATGAATGGCACCACCTT 115 CGTTAAACCGCAATCCGTTCGGCT AGCCGAACGGATTGCGGTTTAACG 117 CACGAGATACCGGCGTAAGGGTGG CCACCCTTACGCCGGTATCTCGTG 118 CTACGGCAAACGTGTGGAATGGGT ACCCATTCCACACGTTTGCCGTAG 119 GTAGGGCGATGACGGGCGAACTAC GTAGTTCGCCCTAC 120 AATCGACCTCCGCACACATTCGCA TGCGAATGTGCGGAGTCGATT 121 GAGTCAGCATGGCGGCGAACCACTT 122 AGATAAAGACGCTGGCAACACGGG CCCGTGTTGCCGTGACTC 123 GGTACCTCAACGCGAACCACTTGT ACAAGTGTTGCCGTTGACTC 124 AAGCGATGGCTGCAACACGGG CCCGTGTTGCCAGCGTCTTTATCT 125 AGAGCTTATGCAGAACCACGGG CCCGTGTTCGCCTTC 126 ATCGGTCTCACCGAGACCACTTGT ACAAGTGGTTCGCGTTGAGGTACC 127 TAGGTTGCCCGCAGAACACAGGCGCC GGCGCCTGGTTGAGGTACCT 128 CGGTGCTTATGCAGAACCAGGCGCC GGCGCCTGGTTCTGCATAAGCTCT 129 TAGGTTGCCCGCCAGAAGAACAT ATCGCTCTTGGCGGGGCAACCTA 127 TAGGTTGCCCGCCAGAAGAACAT ATCGCTCTTGGCGGGGCAACCTA 128 CGGTGCTGTTGCAAAAGCCTGTAG CTACAGGCTTTTGCAACAGCCGAT 129 TGATGAAAGTTTGCGGCAGGACAC 130 GTTGAGTGCAGAACCAGGGTT 131 AACATTGCGGGGTCACCACAGAGT 132 GGGCAGTTAGAGAGCGATAG CTACCGCGGCAAACTTTCATCA 133 GTTGAGTGCAGAAGGGGCCAGAAGT ACCCTGGTGGACCCGCCAAACTTTCATCA 134 AACATTGCGCGGTCACCACAGGGTT AACCCTGGCGCAAACTTTCATCA 135 GGGCAGTTAGAGAGGGCCAGAAGT ACCCTGGTGGACCCGCCAAACTTTCATCA 136 GTTGAGTGCAGGATCCACCAGGGTT AACCCTGGTGGACCAGCCGCAAACTTTCATCA 137 AACATTGCGCGGTCCACCAGGGTT AACCCTGGTGGACCAGCCCCCAAACTTTCATCA 136 GTGAGTGCAGGAGAGAACAT ATCGCTCTCTCAACCACCCTGCACCAACCTTCAAC 137 AACATTGCGCGGATCACCACAGGGTT AACCCTGGGGGACCAGCTCAAC 131 AACATTGCGCGGTCCACCAGGGTT AACCCTGGGGGACCAGCTCAAC 133 TCGAGCTGGTCCCCCGTGAACGTGTT ACCACGGTTCACCGGGGACCAGCTCAAC 133 TCGAGCTGGTCCCCCGTGAACGTGTT ACCACGTTCACCGGGGACCAGCTCAACTTCACCCCTGAGGTTCACCGGGGACCAGCTCAACTTCACCCCGGGGACCAGCTCACCGGGGACCAGCTCACCGGGGACCAGCTCAACCTTCACCCCGGGGACCAGCTCACACGTGTAACCCTCTCACCAGGGGTTCACCAGGGGTTAACCCTCTC	106	AGGCCAATCGATCTTATTGCCGAG	CTCGGCAATAAGATCGATTGGCCT
109 TGGAATCAAGGCCGTAAAGGACAG CTGTCCTTTACGGCCTTGATTCCA 110 GCTCCCGTAACCTGTCCACCAGTG CACTGGTGGACAGGTTACGGGAGC 111 AGTGGTGAATGGCCGCTACCCTGA TCAGGGTAGCGGCCATTCACCACT 112 TGTTGAAGCGAGCTAAAACGGCCA TGGCCGTTTAGCTCGCTTCAACA 113 CAGCGCTCCAGAATTGACAGCAAT ATTGCTGCAATTCTGGAGCGCTG 114 AAGGTGGTGCCATTCATTTGGCTA TAGCCAAATGAATGGCACCACCTT 115 CGTTAAACCGCAATCCGTTCGGCT AGCCGAACGGATTGCGGTTTAACG 117 CACGAGATACCGGCGTAAGGGTG CCACCCTTACGCCGGTATCTCGTG 118 CTACGGCAAACGTGTGGAATGGGT ACCCATTCCACACGTTTGCCGTAG 119 GTAGGGCGATGACGGGCGAACTAC GTAGTTCCACACGTTTGCCGTAG 110 AATCGACCTCCGCACACATTCGCA TGCGAATGTGTGCGGAGTCGATT 121 GAGTCAGCATGCGGCGAACCACTT 122 AGATAAAGACGCTGGCAACCACGGG CCCGTGTTGCCGCGCCATGCTGACTC 123 GGTACCTCAACGCGAACCACTTGT ACAAGTGTTGCCGTTGAGGTACC 124 AAGCGATGGCTACCCAAGAGCGAT ATCGCTCTTGGGTAGCCATCCTT 125 AGAGCTTATGCAGAACCAGGCGC GGCGCCTGGTTCGCATCGCTT 126 ATCGGTCTCACCCAAGAGCGAT ATCCCTCTTGGGTAGCCATCCTT 127 TAGGTTGCCGCAACACACTGAT ATCCACCCTGCGTGAGACCCGT 128 CGGTGCTCACCGCAGAACAACAT ATGTTTCTTCTGCACAAGCCCTT 129 TGATGAAAGTTTGCAAAAGCCTTGAG CTACAGGCTTTTTGCAACACCCTGCTTACACACCCGG 129 TGATGAAAGTTTGCGAAAAGCCTGTAG CTACAGGCTTTTTCATCA 130 GTTGAGTGCAGAGAACAC GTGTCCCCCCAAACTTTCATCA 131 AACATTGCGCGGTCCACCAGGGTT AACCCTGCTGCACTCAAC 132 GGGCAGTTAGAGAGGGCCAGAAGT ACCCTGCTGGACCCGCCAATGTT 132 GGGCAGTTAGAGAGGGCCAGAAGT ACCCTGCTGCACCCAACCTCAAC 133 TCGAGCTGGTCCCCGTGAACGTGT ACCCCTCTCTAACTGCCC 133 TCGAGCTGGTCCCCGTGAACGTGT ACCCCTTCTAACGCCCCCAACCTCGCCCCAAACTTTCATCACCCCGCGCAAACTTTCATCACCCCCGCGCAAACTTTCATCACCCCTGCACTCAACCCTGCACCCAACCTCGCTTAACCCCTGCACCCAACCTTTATCACACCCTGCGTGAACCCTCAACCCTGCACCAACCTTTCATCAACCCTTGCACTCAACCCTTGCACTCAACCCTTGCACTCAACCCTTGCACTCAACCCTTGAACACCCTGCACCAACCTTTAACTCACCCCTGCACCAACCTTTCATCAACACCCTGCGCGCAAACTTTCATCAACCCTTGCACTCAACCCTGCACTCAACCCTGCACTCAACCCTGCACTCAACCCTGCACTCAACCCTGCACCAACCTTTCATCAACACCCTGCACTCAACCCTGCACCAACCTTTCATCAACACCCTGCACTCAACCCTGCACTCAACCCTGCACTCAACCCTGCACTCAACCCTGCACTCAACCCTGCACTCAACCCTGCACTCAACCCTGCACCAACCTTTCAACTCTCCACCCCCAACCTTCAACCCCTGCACCACACTTTCATCACTGCCCCCAAACTTTCATCACCCCCCAACCTTCAACCCTGCACCACACTTTCATCACTCCCCCAACCTTCAACCCTGCACACCTC	107	CCTTCCAATGATTGCATACGCCCA	TGGGCGTATGCAATCATTGGAAGG
110 GCTCCCGTAACCTGTCCACCAGTG CACTGGTGGACAGGTTACGGGAGC 111 AGTGGTGAATGGCCGCTACCCTGA TCAGGGTAGCGGCCATTCACCACT 112 TGTTGAAGCGAGCTAAAACGGCCA TGGCCGTTTTAGCTCGCTTCAACA 113 CAGCGCTCCAGAATTGACAGCAAT ATTGCTGTCAATTCTGGAGCGCTG 114 AAGGTGGTGCCATTCATTTGGCTA TAGCCAAATGAATGGCACCACCTT 115 CGTTAAACCGCAATCCGTTCGGCT AGCCGAAATGAATGGCACCACCTT 116 CACGAGATACCGGCGTAAGGGTGG CCACCCTTACGCCGGTATCTCGTG 117 CACGAGATACCGGCGTAAGGGTGG CCACCCTTACGCCGGTATCTCGTG 118 CTACGGCAAACGTGTGGAATGGGT ACCCATTCCACACGTTTGCCGTAG 119 GTAGGGCGATGACGGGCGAACTAC GTAGTTCGCCCGTACGCCCTAC 120 AATCGACCTCCGCACACATTCGCA TGCGAATGTGTGCGGAGGTCGATT 121 GAGTCAGCATGGCGGCGAGATTC GAATCTCCGCCGCCATCGCCCTAC 122 AGATAAAGACGCTGGCAACACGGG CCCGTGTTGCCAGCGTCTTTATCT 123 GGTACCTCAACGCGAACCACTTGT ACAAGTGGTTCCGGTTGAGGTACC 124 AAGCGATGGCTACCCAAGAGCGAT ATCGCTCTTGAGGTACC 125 AGAGCTTATGCAGAACCAGGCGC GGCGCCTGGTTCTGCATAAGCTCT 126 ATCGGTCTCACGCAGGGTTGGATA TACCCACCCTGCGTAAGCCTT 127 TAGGTTGCCCGCAACAAGACACAT ATCTTCTTCTCATAAGCTCT 128 CGGTGCTTTGCAAAAGCCTGTAG TACCAACCCTGCGTGAGACCGAT 127 TAGGTTGCCCGCAAAAAACAT ATGTTTCTTCTGCAGGAACCACCG 129 TGATGAAAGTTTGCGGAAGAAACAT ATGTTTCTTCTCACAACACCCGAT 120 GTTGAGTGCAGAAGAAACAT ATGTTTCTTCTACAACACCCTGCATCAAC 131 AACATTGCGCGGTCCACCAGGGTT AACCCTTGCACTCAACCCTGCACTCAAC 132 GGGCAGTTAGAGAGGGCCAGAGTA ACCCTGCTGCACTCAACCCTGCACTCAAC 133 TCGAGCTGGTCCCCCGTGAACGTTT ACCCCTGCCTCTCTAACTGCCC 133 TCGAGCTGGTCCCCCGTGAACGTGT ACCCCTTCTAACTGCCC 133 TCGAGCTGGTCCCCCTGGAACGTGT ACCCGTTCACCGCGCAAACTTCACCCCCCCCCAAACTTCACCCCCCCC	108	AACACTTGATCAGGCGGGTCGTCT	AGACGACCCGCCTGATCAAGTGTT
111 AGTGGTGAATGGCCGCTACCCTGA TCAGGGTAGCGGCCATTCACCACT 112 TGTTGAAGCAGCTAAAACGGCCA TGGCCGTTTTAGCTCGCTTCAACA 113 CAGCGCTCCAGAATTGACAGCAAT ATTGCTGTCAATTCTGGAGCGCTG 114 AAGGTGGTGCCATTCATTTGGCTA TAGCCAAATGAATGACACCACCTT 115 CGTTAAACCGCAATCCGTTCGGCT AGCCGAACGGATTGCGGTTTAACG 117 CACGAGATACCGCGTAAGGGTG CCACCCTTACGCCGGTATCTCGTG 118 CTACGGCAAACGTGTGGAATGGGT ACCCATTCCACACGTTTGCCGTAG 119 GTAGGGCGAACGGGTGGAACTAC GTAGTTCCACACGTTTGCCGTAG 120 AATCGACCTCCGCACACATTCGCA TGCGAATGTGTGCGATGCATT 121 GAGTCAGCATGACGGGCGAACTAC GAATCTCCGCCATGCCCTAC 122 AGATAAAGACGCTGGCAACACAGGG CCCGTGTTGCCAGCGCTTTATCT 123 GGTACCTCAACGCGAACCACTTGT ACAAGTGGTTCGCGTTGAGGTACC 124 AAGCGATGGCTGACCACACTTGT ACAAGTGGTTCGCGTTGAGGTACC 125 AGAGCTTATGCAGAACCACGGC GGCGCCTGGTTCTGCATCACTC 126 ATCGGTCTCACCCAAGAGCGAT ATCGCTCTTGGTAGCCATCCTT 127 TAGGTTGCCCGCAGAACACACTTG 128 CGGTGCTCTACGCAGAACCACTTAC 129 TGATGAAAAGCCTGTAG CTACAGGCGCACCTAA 128 CGGTGCTGTTGCAAAAGCCTGTAG CTACAGGCTTTTTCACACCCTGCGCGCAACCTTA 129 TGATGAAAAGTTTGCGGCAGGAACACCTG CTACAGGCTTTTTCACACCCTGCTTGACCCACCGAACCACTTACCACCAGAACACACCTGACTACCACACACCACCGCACCACCTTTTCACACCCTGCACCCAACACCCG 129 TGATGAAAAGTTTGCGGCAGGACACC GTGTCCTGCACCCAACCTTACACCACCACCGCACCACCTTTCACCACCACCACCACCACCACCACCACCAC	109	TGGAATCAAGGCCGTAAAGGACAG	CTGTCCTTTACGGCCTTGATTCCA
112 TGTTGAAGCGAGCTAAAACGGCCA TGGCCGTTTTAGCTCGCTTCAACA 113 CAGCGCTCCAGAATTGACAGCAAT ATTGCTGTCAATTCTGGAGCGCTG 114 AAGGTGGTGCCATTCATTTGGCTA TAGCCAAATGAATGGCACCACCTT 115 CGTTAAACCGCAATCCGTTCGGCT AGCCGAACGGATTGCGGTTTAACG 117 CACGAGATACCGGCGTAAGGGTG CCACCCTTACGCCGGTATCTCGTG 118 CTACGGCAAACGTGTGGAATGGGT ACCCATTCCACACGTTTGCCGTAG 119 GTAGGGCGATGACGGGCGAACTAC GTAGTTCGCCCGTAC 120 AATCGACCTCCGCACACATTCGCA TGCGAATGTGGCGAGGTCGATT 121 GAGTCAGCATGGCGGCGGAGATTC GAATCTCCGCCGCATGCTGACTC 122 AGATAAAGACGCTGGCAACACGGG CCCGTGTTGCCAGCTCTC 123 GGTACCTCAACGCGAACCACTTGT ACAAGTGGTTCGCGTTGAGGTACC 124 AAGCGATGGCTACCCAAGAGCGAT ATCGCTCTTGGGTAGCCATCGCTT 125 AGAGCTTATGCAGAACCAGGGCC GGCGCCTGGTTCTGCCTT 126 ATCGGTCTCACGCAGAACCAGGCGCC GGCGCCTGGTTCTGCATAAGCTCT 127 TAGGTTGCCCGCCAGAAGAACAT ATCCCACCCTGCGTGAGCCAT 128 CGGTGCTCACCCAGAGCGAT ATCCACCCTGCGTGAGACCCGAT 129 TGATGAAAGTTTGCGGCAGGACAC GTGTCTTTCTCTGGCGGGCAACCTA 129 TGATGAAAGTTTGCGGCAGGACAC GTGTCCTGCCGCAACACTTACAC 130 GTTGAGTGCAGAACACGGGTT ACCCTGCGTGAACCCGG 131 AACATTGCGCGGTCCACCAGGGTT AACCCTGCGCAAACTTTCATCA 132 GGGCAGTTAGAGAGCGAACAACT ATCTCTGCCCCCACAACCTTCAAC 133 TCGAGCTGGTCCCCGTGAACGGTT AACCCTGCGTGAACCGCCCCAACCTTTCATCACCCCCCAACAGGTTAGACACCCGCAACCTTCACCCCCCAACACTTTCATCAACACCCTGCGTGAACCCTCAACCCTGCGTGAACCCCGCAAACTTTCATCAACCCCTGCGTGAACCCTCAACCCTGCGTGAACCCTCAACCCTGCGTGAACCCCGCAACCTTAACCCCTGCACCAACCTTTCATCAACCCCTGCACCAACCTTCAACCCCTGCACCAACCTTTCATCAACCCCTGCACTCAACCCTGCACCAACCTTCAACCCCTGCACCAACCTTTCATCAACCCCTGCACCAACCTTCAACCCCTGCACCAACCTTTCAACCCCTGCACCAACCTTCAACCCCTGCACCAACCTTCAACCCCTGCACCAACCTTCAACCCCTGCACCAACCTTCAACCCCTGCACCAACCTTCAACCCCTGCACCAACCTTCAACCCCTGCACCAACCTTCAACCCCTGCACCAACCTTCAACCCCTGCACCAACCTTCAACCCCTGCACCAACCTTCAACCCCTGCACCAACCTTCAACCCCTGCACCAACCTTCAACCCCTGCACCAACCTTCAACCCCTGCACCAACCTTCAACCCCTGCACCAACCTTCAACCCCTGCACCAACCTTCAACCCCTGCACCAACCTTCAACCCCTGCACCAACCTTCAACCCCTGCACCAACCTTCAACCCCTGCACCAACCTTCAACCCCTGCACCAACCTTCAACCCCTGCACCAACCTTCAACCCCTGCACCAACCTTCAACCCCTGCACCAACCTTCAACCCCCCACAGAGTTAACCCTGCACCACACTTTCACCGCCCTCTCAACCCCCCAAACCTTCAACCCCTGCACACCTTCAACCCCTGCACACCTTCAACCCCTGCACACCTACCT	110	GCTCCCGTAACCTGTCCACCAGTG	CACTGGTGGACAGGTTACGGGAGC
113 CAGCGCTCCAGAATTGACAGCAAT 114 AAGGTGGTGCCATTCATTTGGCTA 115 CGTTAAACCGCAATCCGTTCGGCT 117 CACGAGATACCGGCGTAAGGGTGG 118 CTACGGCAAACGGTGTGGAATGGGT 119 GTAGGGCGAACGGCGAACCGTTCGCC 120 AATCGACCTCCGCACACATTCGCA 121 GAGTCAGCAGCGGAGATTGCGCT 122 AGATAAAGACGCGGCGAACCAGGG 123 GGTACCTCAACGCGGCGAACCACTTGT 124 AAGCGATGCCGCAACCACTTGT 125 AGAGCTTATGCAGCGGCGAACCACTTGT 126 ATCGGCTACCCAAGAGCGAT 127 TAGGTTGCCCGCACACACTTGT 128 CGGTGCTACCCAAGAGCGAT 129 TGATGAACCTCCGCACACACTTGT 120 ATCGACCTCCGCACACCTTGT 121 GAGTCAGCATGGCGCGCGAACCACTTGT 122 AGATAAAGACGCTGGCAACCACGGG 123 CGCCTTGTTGCCAGCGTTTATCT 124 AAGCGATGGCTACCCAAGAGCGAT 125 AGAGCTTATGCAGAACCAGGCGCC 126 ATCGGTCTCACGCAGAGCCACT 127 TAGGTTGCCCGCCAGAACACACT 128 CGGTGCTGTTGCAAAAGCCTGTAG 129 TGATGAAAGTTTGCAGCAGGACAC 130 GTTGAGTGCAGAACCACGGGTT 131 AACATTGCGCGGTCCACCAGAGGTT 132 GGGCAGTTAGAGAGCCACCGGTT 133 TCGAGCTGGTCCCCGTGAACGTGT ACACGTTCACGGGGAACCACGGCC 133 TCGAGCTGGTCCCCCGTGAACGTGT ACACGTTCACCGCGCCAACATGTT ACACGTTCACCGCGCAACCTTGACCCAACCTCCCCCCCCAACCTCCCCCCAACCTTCACCCCCC	111	AGTGGTGAATGGCCGCTACCCTGA	TCAGGGTAGCGGCCATTCACCACT
114 AAGGTGGTGCCATTCATTTGGCTA TAGCCAAATGAATGGCACCACCTT 115 CGTTAAACCGCAATCCGTTCGGCT AGCCGAACGGATTGCGGTTTAACG 117 CACGAGATACCGGCGTAAGGGTGG CCACCCTTACGCCGGTATCTCGTG 118 CTACGGCAAACGTGTGGAATGGGT ACCCATTCCACACGTTTGCCGTAG 119 GTAGGGCGATGACGGGCGAACTAC GTAGTTCGCCCGTCATCGCCCTAC 120 AATCGACCTCCGCACACATTCGCA TGCGAATGTGTGCGGAGGTCGATT 121 GAGTCAGCATGGCGGCGGAGATTC GAATCTCCGCCGCACTGCTGACTC 122 AGATAAAGACGCTGGCAACACGGG CCCGTGTTGCCAGCGTCTTTATCT 123 GGTACCTCAACGCGAACCACTTGT ACAAGTGGTTCGCGTTGAGGTACC 124 AAGCGATGGCTACCCAAGAGCGAT ATCGCTCTTGGGTAGCCATCGCTT 125 AGAGCTTATGCAGAACCAGGCGC GGCGCCTGGTTCTGCATAAGCTCT 126 ATCGGTCTCACGCAGGGGTTGGATA TATCCAACCCTGCGTGAGACCGAT 127 TAGGTTGCCCGCCAGAAGAAACAT ATGTTTCTTCTGGCGGGCAACCTA 128 CGGTGCTGTTGCAAAAGCCTGTAG CTACAGGCTTTTCAACACGCGC 129 TGATGAAAGTTTGCGGCAGGACAC GTGTCCTGCCGCAAACTTTCATCA 130 GTTGAGTGCAGGATGCAGCGATAG CTACAGGCTTTTCATCA 131 AACATTGCGCGGTCCACCAGGGTT AACCCTGGTGGACCGCCAATGTT 132 GGGCAGTTAGAGAGGGCCAGAAGT ACTTCTGGCCGCCAAATGTT 133 TCGAGCTGGTCCCCGTGAACGTGT ACACGTTCACGGGGACCAGCCCCCCAACCTTCAACCCTGCGTGAACCGCCCCCAACCTTCAACCCCCCCC	112	TGTTGAAGCGAGCTAAAACGGCCA	TGGCCGTTTTAGCTCGCTTCAACA
115 CGTTAAACCGCAATCCGTTCGGCT AGCCGAACGGATTGCGGTTTAACG 117 CACGAGATACCGGCGTAAGGGTGG CCACCCTTACGCCGGTATCTCGTG 118 CTACGGCAAACGTGTGGAATGGGT ACCCATTCCACACGTTTGCCGTAG 119 GTAGGGCGATGACGGGCGAACTAC GTAGTTCGCCCTAC 120 AATCGACCTCCGCACACATTCGCA TGCGAATGTGTGCGGAGGTCGATT 121 GAGTCAGCATGGCGGCGGAGATTC GAATCTCCGCCGCCATGCTGACTC 122 AGATAAAGACGCTGGCAACACGGG CCCGTGTTGCCAGCGTCTTTATCT 123 GGTACCTCAACGCGAACCACTTGT ACAAGTGGTTCGCGTTGAGGTACC 124 AAGCGATGGCTACCCAAGAGCGAT ATCGCTCTTGGGTAGCCATCGCTT 125 AGAGCTTATGCAGAACCAGGCGC GGCGCCTGGTTCTGCATAAGCTCT 126 ATCGGTCTCACGCAGAGACCACTT 127 TAGGTTGCCCGCCAGAAGAACAT ATGTTTCTTCTGGCGGGCAACCTA 128 CGGTGCTGTTGCAAAAGCCTGTAG CTACAGGCTTTTGCAACAGCACCG 129 TGATGAAAGTTTGCGGCAGGACAC 130 GTTGAGTGCAGAGAACAC 131 AACATTGCGCGGTCCACCAGGGTT 132 GGGCAGTTAGAGAGGCCAGAAGT 133 ACCTTGGCTGCTCCCCCAACTTT 134 GGGCAGTTAGAGAGGGCCAGAAGT 135 ACCTTGGCTGCCCCCAACTTTCATCA 136 GTGAGTGCAGGGTCCACCAGGGTT 137 AACATTGCGCGGTCCACCAGGGTT 138 CGGCAGTTAGAGAGGGCCAGAAGT 139 ACCTTGGCGGCCCCCCCAAACTTTCATCA 130 GTGAGTGCAGGATCACCACGGGTT 131 CGAGCTGGTCCCCCCGTGAACGTCT 132 GGGCAGTTAGAGAGGGCCAGAAGT 133 TCGAGCTGGTCCCCCGTGAACGTGT 134 ACCCTTGGCCCCTCTTTAACTGCCC 135 TCGAGCTGGTCCCCCGTGAACGTGT 146 ACCGTTCACGGGGACCACGCTCGA	113	CAGCGCTCCAGAATTGACAGCAAT	ATTGCTGTCAATTCTGGAGCGCTG
117 CACGAGATACCGGCGTAAGGGTGG CCACCCTTACGCCGGTATCTCGTG 118 CTACGGCAAACGTGTGGAATGGGT ACCCATTCCACACGTTTGCCGTAG 119 GTAGGGCGATGACGGGCGAACTAC GTAGTTCGCCCTACC 120 AATCGACCTCCGCACACATTCGCA TGCGAATGTGTGCGGAGGTCGATT 121 GAGTCAGCATGGCGGCGGAGATTC GAATCTCCGCCCTACCTC 122 AGATAAAGACGCTGGCAACACGGG CCCGTGTTGCCAGCGTCTTTATCT 123 GGTACCTCAACGCGAACCACTTGT ACAAGTGTTCGCGTTGAGGTACC 124 AAGCGATGGCTACCCAAGAGCGAT ATCGCTCTTGGGTAGCCATCGCTT 125 AGAGCTTATGCAGAACCAGGGCC GGCGCCTGGTTCTGCATAAGCTCT 126 ATCGGTCTCACGCAGGGTTGGATA TATCCAACCCTGCGTGAGACCGAT 127 TAGGTTGCCCGCCAGAAGAACAT ATGTTTCTTCTGGCGGGCAACCTA 128 CGGTGCTGTTGCAAAAGCCTGTAG CTACAGGCTTTTGCAACAGCACCG 129 TGATGAAAGTTTGCGGCAGGACAC GTGTCCTGCCGCAAACTTTCATCA 130 GTTGAGTGCAGGATGCAGCGATAG CTATCGCTGCACCTCAAC 131 AACATTGCGCGGTCCACCAGGGTT AACCCTGGTGGACCGCCAATGTT 132 GGGCAGTTAGAAGGGCCAGAAGT ACTTCTGGCCCCCCAACTCGCCCCAACCTCGACCCCCCCC	114	AAGGTGGTGCCATTCATTTGGCTA	TAGCCAAATGAATGGCACCACCTT
118 CTACGGCAAACGTGTGGAATGGGT ACCCATTCCACACGTTTGCCGTAG 119 GTAGGGCGATGACGGGCGAACTAC GTAGTTCGCCCGTCATCGCCCTAC 120 AATCGACCTCCGCACACATTCGCA TGCGAATGTGTGCGGAGGTCGATT 121 GAGTCAGCATGGCGGCGGAGATTC GAATCTCCGCCGCCCATGCTGACTC 122 AGATAAAGACGCTGGCAACACGGG CCCGTGTTGCCAGCGTCTTTATCT 123 GGTACCTCAACGCGAACCACTTGT ACAAGTGGTTCGCGTTGAGGTACC 124 AAGCGATGGCTACCCAAGAGCGAT ATCGCTCTTGGGTAGCCATCGCTT 125 AGAGCTTATGCAGAACCAGGCGC GGCGCCTGGTTCTGCATAAGCTCT 126 ATCGGTCTCACGCAGGGTTGGATA TATCCAACCCTGCGTGAGACCGAT 127 TAGGTTGCCCGCCAGAAGAACAT ATGTTTCTTCTGGCGGGCAACCTA 128 CGGTGCTGTTGCAAAAGCCTGTAG CTACAGGCTTTTGCAACAGCACCG 129 TGATGAAAGTTTGCGGCAGGACAC GTGTCCTGCCGCAAACTTTCATCA 130 GTTGAGTGCAGGATGCAGCGATAG CTATCGCTGCACCAACCTACC 131 AACATTGCGCGGGTCCACCAGGGTT AACCCTGGTGGACCGCCAATGTT 132 GGGCAGTTAGAGAGGGCCAGAACT ACTTCTGCCCCCAACTGCCCCCAACTTTCATCA 133 TCGAGCTGGTCCCCGTGAACGTGT ACCCGTTCACCGGGGACCAGCTCGA	115	CGTTAAACCGCAATCCGTTCGGCT	AGCCGAACGGATTGCGGTTTAACG
119 GTAGGCGATGACGGGCGAACTAC GTAGTTCGCCCGTCATCGCCCTAC 120 AATCGACCTCCGCACACATTCGCA TGCGAATGTGTGCGAGGTCGATT 121 GAGTCAGCATGGCGGCGGAGATTC GAATCTCCGCCGCCATGCTGACTC 122 AGATAAAGACGCTGGCAACACGGG CCCGTGTTGCCAGCGTCTTTATCT 123 GGTACCTCAACGCGAACCACTTGT ACAAGTGGTTCGCGTTGAGGTACC 124 AAGCGATGGCTACCCAAGAGCGAT ATCGCTCTTGGGTAGCCATCGCTT 125 AGAGCTTATGCAGAACCAGGCGC GGCGCCTGGTTCTGCATAAGCTCT 126 ATCGGTCTCACGCAGGGTTGGATA TATCCAACCCTGCGTGAGACCGAT 127 TAGGTTGCCCGCCAGAAGAACAT ATGTTTCTTCTGGCGGGCAACCTA 128 CGGTGCTGTTGCAAAAGCCTGTAG CTACAGGCTTTTCAACACCCG 129 TGATGAAAGTTTGCGGCAGGACAC GTGTCCTGCCGCAAACTTTCATCA 130 GTTGAGTGCAGGATCACCAGGGTT AACCCTGCTGCACCCACC 131 AACATTGCGCGGTCCACCAGGGTT AACCCTGGTGGACCGCCAATGTT 132 GGGCAGTTAGAGAGGGCCAGAAGT ACTTCTGGCCCCCCAACTCCCCCCCCCC	117	CACGAGATACCGGCGTAAGGGTGG	CCACCCTTACGCCGGTATCTCGTG
120 AATCGACCTCCGCACACATTCGCA TGCGAATGTGTGCGGAGGTCGATT 121 GAGTCAGCATGGCGGCGGAGATTC GAATCTCCGCCGCCATGCTGACTC 122 AGATAAAGACGCTGGCAACACGGG CCCGTGTTGCCAGCGTCTTTATCT 123 GGTACCTCAACGCGAACCACTTGT ACAAGTGGTTCGCGTTGAGGTACC 124 AAGCGATGGCTACCCAAGAGCGAT ATCGCTCTTGGGTAGCCATCGCTT 125 AGAGCTTATGCAGAACCAGGCGCC GGCGCCTGGTTCTGCATAAGCTCT 126 ATCGGTCTCACGCAGGGTTGGATA TATCCAACCCTGCGTGAGACCGAT 127 TAGGTTGCCCGCCAGAAGAACAT ATGTTTCTTCTGGCGGGCAACCTA 128 CGGTGCTGTTGCAAAAGCCTGTAG CTACAGGCTTTTGCAACAGCACCG 129 TGATGAAAGTTTGCGGCAGGACAC GTGTCCTGCCGCAAACTTTCATCA 130 GTTGAGTGCAGGATGCAGCGATAG CTATCGCTGCATCCTGCACTCAAC 131 AACATTGCGCGGTCCACCAGGGTT AACCCTGGTGGACCGCCCAATGTT 132 GGGCAGTTAGAGAGGGCCAGAAGT ACTTCTGGCCCTCTAACTGCCC 133 TCGAGCTGGTCCCCGTGAACGTGT ACACGTTCACGGGGACCAGCTCGA	118	CTACGGCAAACGTGTGGAATGGGT	ACCCATTCCACACGTTTGCCGTAG
121 GAGTCAGCATGGCGGCGGAGATTC GAATCTCCGCCGCCATGCTGACTC 122 AGATAAAGACGCTGGCAACACGGG CCCGTGTTGCCAGCGTCTTTATCT 123 GGTACCTCAACGCGAACCACTTGT ACAAGTGGTTCGCGTTGAGGTACC 124 AAGCGATGGCTACCCAAGAGCGAT ATCGCTCTTGGGTAGCCATCGCTT 125 AGAGCTTATGCAGAACCAGGCGCC GGCGCCTGGTTCTGCATAAGCTCT 126 ATCGGTCTCACGCAGGGTTGGATA TATCCAACCCTGCGTGAGACCGAT 127 TAGGTTGCCCGCCAGAAGAACAT ATGTTTCTTCTGGCGGGCAACCTA 128 CGGTGCTGTTGCAAAAGCCTGTAG CTACAGGCTTTTGCAACAGCACCG 129 TGATGAAAGTTTGCGGCAGGACAC GTGTCCTGCCGCAAACTTTCATCA 130 GTTGAGTGCAGGATGCAGCGATAG CTATCGCTGCACTCAAC 131 AACATTGCGCGGTCCACCAGGGTT AACCCTGGTGGACCGCGCAATGTT 132 GGGCAGTTAGAGAGGGCCAGAAGT ACTTCTGCCCCTCTCTAACTGCCC 133 TCGAGCTGGTCCCCGTGAACGTGT ACACGTTCACGGGGACCAGCTCGA	119	GTAGGGCGATGACGGGCGAACTAC	GTAGTTCGCCCGTCATCGCCCTAC
122 AGATAAAGACGCTGGCAACACGGG CCCGTGTTGCCAGCGTCTTTATCT 123 GGTACCTCAACGCGAACCACTTGT ACAAGTGGTTCGCGTTGAGGTACC 124 AAGCGATGGCTACCCAAGAGCGAT ATCGCTCTTGGGTAGCCATCGCTT 125 AGAGCTTATGCAGAACCAGGCGCC GGCGCCTGGTTCTGCATAAGCTCT 126 ATCGGTCTCACGCAGGGTTGGATA TATCCAACCCTGCGTGAGACCGAT 127 TAGGTTGCCCGCCAGAAGAAACAT ATGTTTCTTCTGGCGGGCAACCTA 128 CGGTGCTGTTGCAAAAGCCTGTAG CTACAGGCTTTTGCAACAGCACCG 129 TGATGAAAGTTTGCGGCAGGACAC GTGTCCTGCCGCAAACTTTCATCA 130 GTTGAGTGCAGGATGCAGCGATAG CTATCGCTGCACTCCAAC 131 AACATTGCGCGGTCCACCAGGGTT AACCCTGGTGGACCGCGCAATGTT 132 GGGCAGTTAGAGAGGGCCAGAAGT ACTTCTGGCCCTCTAACTGCCC 133 TCGAGCTGGTCCCCGTGAACGTGT ACACGTTCACGGGGACCAGCTCGA	120	AATCGACCTCCGCACACATTCGCA	TGCGAATGTGTGCGGAGGTCGATT
123 GGTACCTCAACGCGAACCACTTGT ACAAGTGGTTCGCGTTGAGGTACC 124 AAGCGATGGCTACCCAAGAGCGAT ATCGCTCTTGGGTAGCCATCGCTT 125 AGAGCTTATGCAGAACCAGGCGCC GGCGCCTGGTTCTGCATAAGCTCT 126 ATCGGTCTCACGCAGGGTTGGATA TATCCAACCCTGCGTGAGACCGAT 127 TAGGTTGCCCGCCAGAAGAACAT ATGTTTCTTCTGGCGGGCAACCTA 128 CGGTGCTGTTGCAAAAGCCTGTAG CTACAGGCTTTTGCAACAGCACCG 129 TGATGAAAGTTTGCGGCAGGACAC GTGTCCTGCCGCAAACTTTCATCA 130 GTTGAGTGCAGGATGCAGCGATAG CTATCGCTGCATCCTGCACTCAAC 131 AACATTGCGCGGTCCACCAGGGTT AACCCTGGTGGACCGCGCAATGTT 132 GGGCAGTTAGAGAGGGCCAGAAGT ACTTCTGGCCCTCTCTAACTGCCC 133 TCGAGCTGGTCCCCGTGAACGTGT ACACGTTCACGGGGACCAGCTCGA	121	GAGTCAGCATGGCGGCGGAGATTC	GAATCTCCGCCGCCATGCTGACTC
124 AAGCGATGGCTACCCAAGAGCGAT ATCGCTCTTGGGTAGCCATCGCTT 125 AGAGCTTATGCAGAACCAGGCGCC GGCGCCTGGTTCTGCATAAGCTCT 126 ATCGGTCTCACGCAGGGTTGGATA TATCCAACCCTGCGTGAGACCGAT 127 TAGGTTGCCCGCCAGAAGAAACAT ATGTTTCTTCTGGCGGGCAACCTA 128 CGGTGCTGTTGCAAAAGCCTGTAG CTACAGGCTTTTGCAACAGCACCG 129 TGATGAAAGTTTGCGGCAGGACAC GTGTCCTGCCGCAAACTTTCATCA 130 GTTGAGTGCAGGATGCAGCGATAG CTATCGCTGCATCCTGCACTCAAC 131 AACATTGCGCGGTCCACCAGGGTT AACCCTGGTGGACCGCGCAATGTT 132 GGGCAGTTAGAGAGGGCCAGAAGT ACTTCTGGCCCTCTCTAACTGCCC 133 TCGAGCTGGTCCCCGTGAACGTGT ACACGTTCACGGGGACCAGCTCGA	122	AGATAAAGACGCTGGCAACACGGG	CCCGTGTTGCCAGCGTCTTTATCT
125 AGAGCTTATGCAGAACCAGGCGC GGCGCCTGGTTCTGCATAAGCTCT 126 ATCGGTCTCACGCAGGGTTGGATA TATCCAACCCTGCGTGAGACCGAT 127 TAGGTTGCCCGCCAGAAGAAACAT ATGTTTCTTCTGGCGGGCAACCTA 128 CGGTGCTGTTGCAAAAGCCTGTAG CTACAGGCTTTTGCAACAGCACCG 129 TGATGAAAGTTTGCGGCAGGACAC GTGTCCTGCCGCAAACTTTCATCA 130 GTTGAGTGCAGGATGCAGCGATAG CTATCGCTGCATCCTGCACTCAAC 131 AACATTGCGCGGTCCACCAGGGTT AACCCTGGTGGACCGCGCAATGTT 132 GGGCAGTTAGAGAGGGCCAGAAGT ACTTCTGGCCCTCTCTAACTGCCC 133 TCGAGCTGGTCCCCGTGAACGTGT ACACGTTCACGGGGACCAGCTCGA	123	GGTACCTCAACGCGAACCACTTGT	ACAAGTGGTTCGCGTTGAGGTACC
126 ATCGGTCTCACGCAGGGTTGGATA TATCCAACCCTGCGTGAGACCGAT 127 TAGGTTGCCCGCCAGAAGAAACAT ATGTTTCTTCTGGCGGGCAACCTA 128 CGGTGCTGTTGCAAAAGCCTGTAG CTACAGGCTTTTGCAACAGCACCG 129 TGATGAAAGTTTGCGGCAGGACAC GTGTCCTGCCGCAAACTTTCATCA 130 GTTGAGTGCAGGATGCAGCGATAG CTATCGCTGCATCCTGCACTCAAC 131 AACATTGCGCGGTCCACCAGGGTT AACCCTGGTGGACCGCGCAATGTT 132 GGGCAGTTAGAGAGGGCCAGAAGT ACTTCTGGCCCTCTAACTGCCC 133 TCGAGCTGGTCCCCGTGAACGTGT ACACGTTCACGGGGACCAGCTCGA	124	AAGCGATGGCTACCCAAGAGCGAT	ATCGCTCTTGGGTAGCCATCGCTT
127 TAGGTTGCCCGCCAGAAGAACAT ATGTTTCTTCTGGCGGGCAACCTA 128 CGGTGCTGTTGCAAAAGCCTGTAG CTACAGGCTTTTGCAACAGCACCG 129 TGATGAAAGTTTGCGGCAGGACAC GTGTCCTGCCGCAAACTTTCATCA 130 GTTGAGTGCAGGATGCAGCGATAG CTATCGCTGCATCCTGCACTCAAC 131 AACATTGCGCGGTCCACCAGGGTT AACCCTGGTGGACCGCGCAATGTT 132 GGGCAGTTAGAGAGGGCCAGAAGT ACTTCTGGCCCTCTCTAACTGCCC 133 TCGAGCTGGTCCCCGTGAACGTGT ACACGTTCACGGGGGACCAGCTCGA	125	AGAGCTTATGCAGAACCAGGCGCC	GGCGCCTGGTTCTGCATAAGCTCT
128 CGGTGCTGTTGCAAAAGCCTGTAG CTACAGGCTTTTGCAACAGCACCG 129 TGATGAAAGTTTGCGGCAGGACAC GTGTCCTGCCGCAAACTTTCATCA 130 GTTGAGTGCAGGATGCAGCGATAG CTATCGCTGCATCCTGCACTCAAC 131 AACATTGCGCGGTCCACCAGGGTT AACCCTGGTGGACCGCGCAATGTT 132 GGGCAGTTAGAGAGGGCCAGAAGT ACTTCTGGCCCTCTCTAACTGCCC 133 TCGAGCTGGTCCCCGTGAACGTGT ACACGTTCACGGGGACCAGCTCGA	126	ATCGGTCTCACGCAGGGTTGGATA	TATCCAACCCTGCGTGAGACCGAT
129 TGATGAAAGTTTGCGGCAGGACAC GTGTCCTGCCGCAAACTTTCATCA 130 GTTGAGTGCAGGATGCAGCGATAG CTATCGCTGCATCCTGCACTCAAC 131 AACATTGCGCGGTCCACCAGGGTT AACCCTGGTGGACCGCGCAATGTT 132 GGGCAGTTAGAGAGGGCCAGAAGT ACTTCTGGCCCTCTCTAACTGCCC 133 TCGAGCTGGTCCCCGTGAACGTGT ACACGTTCACGGGGACCAGCTCGA	127	TAGGTTGCCCGCCAGAAGAAACAT	ATGTTTCTTCTGGCGGGCAACCTA
130 GTTGAGTGCAGGATGCAGCGATAG CTATCGCTGCATCCTGCACTCAAC 131 AACATTGCGCGGTCCACCAGGGTT AACCCTGGTGGACCGCGCAATGTT 132 GGGCAGTTAGAGAGGGCCAGAAGT ACTTCTGGCCCTCTCTAACTGCCC 133 TCGAGCTGGTCCCCGTGAACGTGT ACACGTTCACGGGGACCAGCTCGA	128	CGGTGCTGTTGCAAAAGCCTGTAG	CTACAGGCTTTTGCAACAGCACCG
131 AACATTGCGCGGTCCACCAGGGTT AACCCTGGTGGACCGCGCAATGTT 132 GGGCAGTTAGAGAGGGCCAGAAGT ACTTCTGGCCCTCTCTAACTGCCC 133 TCGAGCTGGTCCCCGTGAACGTGT ACACGTTCACGGGGACCAGCTCGA	129	TGATGAAAGTTTGCGGCAGGACAC	GTGTCCTGCCGCAAACTTTCATCA
132 GGGCAGTTAGAGAGGGCCAGAAGT ACTTCTGGCCCTCTCTAACTGCCC 133 TCGAGCTGGTCCCCGTGAACGTGT ACACGTTCACGGGGACCAGCTCGA	130	GTTGAGTGCAGGATAG	CTATCGCTGCATCCTGCACTCAAC
133 TCGAGCTGGTCCCCGTGAACGTGT ACACGTTCACGGGGACCAGCTCGA	131	AACATTGCGCGGTCCACCAGGGTT	AACCCTGGTGGACCGCGCAATGTT
	132	GGGCAGTTAGAGAGGGCCAGAAGT	ACTTCTGGCCCTCTCTAACTGCCC
134 GTCTTGGGGGCCGCTTAGTGAAAA TTTTCACTAAGCGGCCCCCAAGAC	133	TCGAGCTGGTCCCCGTGAACGTGT	ACACGTTCACGGGGACCAGCTCGA
	134	GTCTTGGGGGCCGCTTAGTGAAAA	TTTTCACTAAGCGGCCCCCAAGAC



136 AGGACCATTCGGAAGGCGAAGATA TATCTTCGCCTTCCGAATGGTCCT 137 CTTGGGAGGCATCCGCTATAAGGA TCCTTATAGCGGATGCCTCCCAAG 138 AATAAACGGAACGCACCGCTACAG CTGTAGCGGTGCGTTCCGTTTATT 139 TTGTACGTGCGGTCCCCATAAGCA TGCTTATGGGGACCGCACGTACAA 140 CGCACCAAACTGAGTTTCCCAGAC GTCTGGGAAACTCAGTTTGGTGCC 141 ACCTGATCGTTCCCCTATTGGGAA TTCCCAATAGGGGAACGTCAGTTTGT 142 GGAACAGAGGCGAGGGGACTGAGC GTCAAGTCCCCTCGCCTTGTTCC 143 CCCTGCCTTGGCGTGTCGGCTTAT ATAAGCCGACACGCCAAGGCAGG 144 ACTCTGACACGCCAACTCCGGAAG CTTCCGGAGTTGGCGTGCAGAG 145 CTGACGGTTTCATTCGGCGTGCC GGCACGCCAAGGCAGGCAGG 146 TGCGGTGTTCATTCGGCGTGCC GGCACGCCCAATGAACCACCGC 147 GCATGGCCAACTCCGGAAG CTTCCGGAGTTGGCGTGCAAGGC 148 AGGCCGTAAAGCACTCCCCAACTCCCCCAAGTCCCCCAAGTCACACACCCCAAGTCACACACCCCAAGTCACACACCCCAAGTCAAACCACCGCAAGTCCCCAACTCACCACCAACTCCCCAACTCACCACCACTCAACACACCCCCAACTCACCAACCACC			
137 CTTGGGAGGCATCCGCTATAAGGA 138 AATAAACGGAACGCACCGCTACAG CTGTAGCGGTGCGTTCCGTTTATT 139 TTGTACGTGCGGTCCCCATAAGCA TGCTTATGGGGACACCGCACGTACAA 140 CGCACCAAACTGAGTTTCCCAGAC GTCTGGGAAACTCAGTTTGGTGCC 141 ACCTGATCGTTCCCCTATTGGAA TTCCCCAATAGGGGAAACTCAGTTTGGTGCC 142 GGAACAGAGGCGAGGGGGACTGAGC GCTCAATAGGGGAAACTCAGTTTGGTGCC 143 CCCTGCCTTGGCGTTGCGCTTAT ATAAGCCGACACGCCAAGGCAGG 144 ACTCTGACACGCCAACTCCGGAAG CTTCCGGAGTTGGCGTTCAGAG 145 CTGACGGTTTCATTCGGCGTGCC GCCAGCCCAAGCCAGGCAAG 146 TGCGGTGTTCATTGGAGCTGGCC GGCCAGCTCAATGAACCACCGCA 147 GCATGGCCAACTAGTGAGCTGGCC GGCCAGCTCAATGAACCACCGCA 148 AGGCCGTAAAGCGAATCTCACCTG CAGGTGAGTTACGCTTTACGGCCTTAGCAACCACCGCAATGAAACACCGCAA 149 CGAATATTATGCCGAGAATCCACCTG CAGGTGAGATTCGCTTTACGGCCTTGCT 149 CGAATATTATGCCGAGAATCCCCCA CAGGTAGAGTTCGCTTTACGGCCTTGCT 150 ACAGACGAGCTCCCAACCACACTGA TCATGTTGGTTTGGGAGTTCTGGTTTACGGCCT 151 GGACGGTTTGTCTGGAGTTGCTG CAGGCAATCCAGCACAAACCGTCC 152 AAAGGCTATTGAGTTGGTGGGCG CGCCCAACCAAACCGTCCT 153 GATGGCCTATTCGGAGATTCCCCA TGCGAGATTCCCGAAAACCGTCC 154 GATCCAGTAGGCAGATCCCCA TGCGAGAATCCAGCACAAACCGTCC 155 AATAACTCGCGCGGGTATGCTCTC AGAGCAATCCCGCACCAAAACCGTCC 156 GATGGCCTATTCGGAGATCGGCC GGCCCAACCAAATCCAGCACAAACCGTCT 157 CTTTGGTATGGCTGGATTTCTC AGAAGCATACCCGCGCGGATTTT 158 AGAAAGGCTTCATCCCA TGCGATCTCCCAACCACAAACCTCCTCC 157 CTTTGGTATGGCAGACTTCCCCA TGCGATCTCCGAACAAACCTCCTCC 157 CTTTGGTATGGCACATGCTCCCC CGGGCAGCACAAACCTCCTCC 157 CTTTGGTATGGCACATGCTCCCC CGGCCAACCAAACCTCCTCC 158 AGAAAGGCTCGAGCAATGCTCCCC CGGCCAACCAAAACCTCCTCC 159 AATCACCGCACGGGCAACGAGCAATTTTC 159 AATCACCGCACACTGGTCCCCAACTAGAACCTCCTCC 150 AATCACCCGCACCAACTTCTTCCCAACAACACTCCTCCC 151 AATCACCCCACACTGGTCCCCAACTAAACCTCCTCCC 152 AATCACCCGCACACTTTTTTTTTTTTTTTTTTTTTTTTT	135	ACTGTTGGCTTGCTCTCATGTCCA	TGGACATGAGAGCAAGCCAACAGT
138 AATAAACGGAACGCACCGCTACAG CTGTAGCGGTGCGTTCCGTTTATT 139 TTGTACGTCCGGTCCCCATAAGCA TGCTTATGGGGACCGCACGTACAA 140 CGCACCAAACTGAGTTTCCCAGAC GTCTGGGAAACTCAGTTTGGTGCC 141 ACCTGATCGTTCCCCTATTGGGAA TTCCCAATAGGGGAACGATCAGGT 142 GGAACAGAGGCGAGGGGACTGAGC GCTCAGTCCCCTCTGTTCC 143 CCCTGCCTTGGCGTGTCGGCTTAT ATAAGCCGACACGCCAAGGCAGG 144 ACTCTGACACGCCAACTCCGGAAG CTTCCGGACTGCCCCTCTGTCCC 145 CTGACGGTTTCATTCGGCGTGCC GGCACGCCGAATGAAAACCGTCAG 146 TGCGGTGGTCATTGGAGCTGCC GGCACGCCGAATGAAAACCGTCAG 147 GCATGGCCAACTACGGAATCTCACCTG CAGGTGAGCTCAATGAACACCGCA 148 AGGCCGTAAAGGCGAATCCACCTG CAGGTGAGTTCAGTGACTCACCTG 149 CGAATATTATGCCGAGAATCCACCTG CAGGTGAGATTCCGCCATTATATTCG 150 ACAGACGAGGCTCCAACCACACTGA TCATGTGGTTGGGAGCTCCTCTGT 151 GGACGGTTTGTGTGGAGTTGCTC 152 AAAGGCTATTGAGTTGGTTGGGCG 153 GATGGCCTATTCGGACATTCTCTC 154 GATCAGTAGGCAGCTCACCACTGA 155 GAACGACAACCCTCCTC 155 AATACTCCGCGGGGTTATCGCCCA 156 GAACGATTCGCGCC GGCCCAACCAACCACTCATAGCCCTTC 157 CTTTGGTATGGCAGAATCCTCC 158 AGAACACACCCCGCGGTATGCTTCT 159 AATACTCCGCGGGGTATGCTTCT 159 AATACTCGCGCGGGTATGCTTCT 159 AATACTCGCGCGGGTATGCTTCT 159 AATACTCGCCGCGGGTATGCTCCC 151 CTTTGGTATGGCACACACCACTCCACACCACTCCTCC 152 CTTTGGTATGGCACACTGCCCCC CGGCCAGCCACCACCCACTCCTCTC 153 GAGGCGTTTTCTCCGGAAAGCA 154 GAACCAGTAGCACCACCACCACCACCACCACCACCACCACCACCACCA	136	AGGACCATTCGGAAGGCGAAGATA	TATCTTCGCCTTCCGAATGGTCCT
139 TTGTACGTGCGGTCCCATAAGCA TGCTTATGGGGACCGCACGTACAA 140 CGCACCAAACTGAGTTTCCCAGAC GTCTGGGAAACTCAGTTTGGTGCC 141 ACCTGATCGTTCCCCTATTGGGAA TTCCCAATAGGGGAACGATCAGGT 142 GGAACAGAGGCGAGGGGACTGAGC GCTCAGTCCCCTCGCCTCTGTTCC 143 CCCTGCCTTGGCGTGTCGGCTTAT ATAAGCCGACACGCCAAGGCAGGCAGG 144 ACTCTGACACGCCAACTCCGGAAG CTTCCGGAGTTGCCGTGTCAGAGT 145 CTGACGGTTTTCATTCGGCGTGCC GGCACGCCGAATGAAAACCGTCAG 146 TGCGGTGGTTCATTGGAGCTGGCC GGCCAGCTCCAATGAACACCGCA 147 GCATGGCCAACTAGTGACTCGCAA TTGCGAGTTCAGCGTAAAACCGTCAG 148 AGGCCGTAAAGCGAATCTCACCTG CAGGTGAGATTCCGCTTTACGGCCT 149 CGAATATTATGCCGAGAATCCACCTG CAGGTGAGATTCCGCTTTACGGCCT 150 ACAGACGAGCTCCCAACCACATGA TCATGTGGTTGGCATAATATTCG 151 GGACGGTTTGTGTGGAATTGCTCT CAGACAATCCACCACCACTGATTGAGTTTGGTTTG	137	CTTGGGAGGCATCCGCTATAAGGA	TCCTTATAGCGGATGCCTCCCAAG
140 CGCACCAAACTGAGTTTCCCAGAC GTCTGGGAAACTCAGTTTGGTGCC 141 ACCTGATCGTTCCCCTATTGGGAA TTCCCAATAGGGGAACGATCAGGT 142 GGAACAGAGGCGAGGGGACTGAGC GCTCAGTCCCCTCGCCTCTGTTCC 143 CCCTGCCTTGGCGTGTCGGCTTAT ATAAGCCGACACGCCAAGGCAGGC 144 ACTCTGACACGCCAACTCCGGAAG CTTCCGGAGTTGGCGTGTCAGGC 145 CTGACGGTTTTCATTCGGCGTGCC GGCACGCCGAATGAAAACCGTCAG 146 TGCGGTGTTCATTGGAGCTGGCC GGCCGAATGAAAACCGTCAC 147 GCATGGCCAACTAGTGACTCGCAA TTGCGAGTTCGCAATGAACACCGCA 148 AGGCCGTAAAGCGAATCTCACCTG CAGGTGAGATTCGCTTTACGGCCT 149 CGAATATTATGCCGAGAATCCACCTG CAGGTGAGATTCTCGCCTTTACGGCCT 150 ACAGACGAGCTCCCAACCACACTAG TCATGTGGTTGGAGCTCGTTTTG 151 GGACGGTTTTGTGGTTGGTTGGTTCGT 152 AAAGGCTATTGGAGTTGGTC CAGCCAACCACCACCACCTACT 153 GATGGCCTATTCGGAGATTCCCCA TGCACCAACTCAATAGCCTTC 154 GATCCAGTAGGAGTCGGCC GGCCCAACCAACTCAATAGCCTTC 155 AATAACTCGCGCGGGTTATCTCCCA TGGGATGAACCTCCCAATGACCACT 156 GGAGGAGGTTTGTCTGGAAAGCA TGCTTCCGAATAGCCTTC 157 CTTTGGATTGGCAGCACCACCACTAG TAGTTCCCCA TGGGATCACCACACCCACCACACCCACCACACCCACCACCCAC	138	AATAAACGGAACGCACCGCTACAG	CTGTAGCGGTGCGTTCCGTTTATT
141 ACCTGATCGTTCCCCTATTGGGAA 142 GGAACAGAGGCGAGGGGACTGAGC 143 CCCTGCCTTGGCGTTCCGCTTATT 144 ACTCTGACACGCCAACTCCGGAAG 144 ACTCTGACACGCCAACTCCGGAAG 145 CTGACGGTTCATTCGGCGTGCC 146 TGCGGTGGTTCATTGGAGCTGCC 147 GCATGGCCAACTACTGGAAA 148 AGCCGTAACACGCCAACTCCGGAAG 149 CGAATATTATGCGAGTGCC 149 CGAATATTATGCCGAAATCCCCGCAA 149 CGAATATTATGCCGAGAATCCACCAA 149 CGAATATTATGCCGAGAATCCACCTG 149 CGAATATTATGCCGAGAATCCACCTG 149 CGAATATTATGCCGAGAATCCACCTG 150 ACAGACGACCTCCAACCACATGA 151 GGACGGTTTGTGCTGGATTGCTG 151 GGACGGTTTGTGCTGGATTGCTG 152 AAAGGCTATTGAGTTGGTGGCG 153 GATGGCCTATTCGGAGATCGGCC 154 GATCCAGTAGGAGATCCGCG 155 GATGGCCTATTCGGAGATCCGCG 156 GAAGACGACCTCCAACCACACACACACACACCACCACCAACTCCAATAGACCTTC 157 CTTTGGTATGGCAGATCCGCC 158 GATGACCATTCGGAGATCCGCC 159 AATAACTCGCGCGGGTTATCCTCA 156 GGAGGAGTTTGTCTCCAACCACACACACACACCACACCA	139	TTGTACGTGCGGTCCCCATAAGCA	TGCTTATGGGGACCGCACGTACAA
142 GGAACAGAGGCGAGGGGACTGAGC GCTCAGTCCCCTCGCCTCTGTTCC 143 CCCTGCCTTGGCGTTCGGCTTAT ATAAGCCGACACGCCAAGGCAGGC 144 ACTCTGACAGCCCAACTCCGGAAG CTTCCGGAGTTGGCGTTCAGAGC 145 CTGACGGTTTTCATTCGGCGTGCC GGCACGCCGAATGAAAACCGTCAC 146 TGCGGTGGTTCATTGGAGCTGGCC GGCAGCTCCAATGAACACCGCAC 147 GCATGGCCAACTAGTGACTCGCAA TTGCGAGTTCGCTTTACGGCCT 148 AGGCCGTAAAGCGAATCCACCTG CAGGTGAGATTCGCTTTACGGCCT 149 CGAATATTATGCCGAGAATCCGCG CGCGGATTCTCGGCATAATATTCG 150 ACAGACGAGCTCCCAACCACATGA TCATGTGGTTGGGAGCTCTCTGT 151 GGACGGTTTGTGTTGGATTGTCTG CAGACAATCCAGCACAAACCGTCC 152 AAAGGCTATTGAGTTGGTTGGGCG CGCCCAACCAACTCAATAGCCTT 153 GATGGCCTATTCGGAGATCGGCC GGCCCAACCAACTCAATAGCCTT 154 GATCCAGTAGGCAGCTTCATCCCA TGGATGAAGCCATC 155 AATAACTCGCGCGGGGTATGCTTCT AGAAGCATCCCGCGCGAGTTATT 156 GGAGGAGGTTTGTCTCGGAAAGCA TGCTTTCCGAATAGCCCTTC 157 CTTTGGTATGGCACATGCTCCC CGGGCAGCAAACCCTCCCC 157 CTTTGGTATGGCACATGCTCCCC CGGGCAGCAAAACCTCCTCCC 158 AGAAAGGCTTGACCACAAGCA TGCTTTCCGAGACAAACCTCCTCCC 159 AATCACCGCACGGGAACCAACTCAATGCCTTCT 159 AATCACCGCACTGGTCCGCAAGT ACTTCCGAGACAAACCTCCTCCC 159 AATCACCGCACTGGTCCGCAAGT ACTTCCGGACCAACCAACTCAATAGCCTTTCT 160 CGTGGCGGCCACACGTGTCCGCAAGT ACTTCCGGACCAACCAACCTCCTCC 161 TTGCAGTTCAATCCATACGCACGT ACTTCCGGACCAACTCAATGACCAAC 162 GGCCCAAAGCCCCAGACCATTTTA TAAAATGGTCTGGGCCGCCACC 161 TTGCAGTTCAATCCATACGCACGT ACTTCCGGAGACAAAACCTTCCGCC 162 GGCCCAAAGCCCCAGACCATTTTA TAAAATGGTCTGGGCCCCCCCCCC	140	CGCACCAAACTGAGTTTCCCAGAC	GTCTGGGAAACTCAGTTTGGTGCG
143 CCCTGCCTTGGCGTGTCGGCTTAT ATAAGCCGACACGCCAAGGCAGGC 144 ACTCTGACACGCCAACTCCGGAAG CTTCCGGAGTTGGCGTGTCAGAGT 145 CTGACGGTTTTCATTCGGCGTGCC GGCACGCCGAATGAAAACCGTCAC 146 TGCGGTGGTCATTGGAGCTGGCC GGCCAGCTCCAATGAACACCACCGC 147 GCATGGCCAACTAGTGACTCGCAA TTGCGAGTCACTAGTTGGCCATGC 148 AGGCCGTAAAGCGAATCTCACCTG CAGGTGAGATTCGGCTTTACGGCCT 149 CGAATATTATGCCGAGAATCCGCG CGCGGATTCTCGGCATAATATTCG 150 ACAGACGAGCTCCCAACCACATGA TCATGTGGTTGGAGCTCGTCTGT 151 GGACGGTTTGTGTGGATTGTCTG CAGACAATCCAGCACAACCGTCC 152 AAAGGCTATTGAGTTGGGTTGGGCG CGCCCAACCAACTCAATAGCCTTT 153 GATGGCCTATTCGGAGATCGGGC GGCCCAACCAACTCAATAGCCTTT 154 GATCCAGTAGGCAGCTTCATCCCA TGGATGAAGCAGCCTCTCGAATAGGCCATC 155 AATAACTCGCGCGGGTATGCTTCT AGAAGCATACCGGCCGAGTTATT 156 GGAGGAGGTTTGTCTCGGAAAGCA TGCTTTCCGAACAACCTCCTCC 157 CTTTGGTATGGCACATGCTGCCCG CGGCCAGCAACCAACCCTCCTCC 158 AGAAAGGCTCGAGCAACGGGAACT AGTTCCCGTTGGTCGAGCATACCAAAC 158 AGAAAGGCTCGAGCAACGGGAACT AGTTCCCGTTGGCCAAACCAACCTCCTCC 159 AATCTACCGCACTGGTCCGCAAGT ACTTCCGAGCCATTCTT 160 CGTGGCGGCCACATTTTTGGAGG 161 TTGCAGTTCAATCCATACGCACGT ACTTGCGGACCAAGCCACCTTCTCTCCAAAACCTTCTCCAAAACCAACC	141	ACCTGATCGTTCCCCTATTGGGAA	TTCCCAATAGGGGAACGATCAGGT
144 ACTCTGACACGCCAACTCCGGAAG CTTCCGGAGTTGGCGTGTCAGAGT 145 CTGACGGTTTTCATTCGGCGTGCC GGCACGCCGAATGAAAACCGTCAC 146 TGCGGTGGTTCATTGGAGCTGGCC GGCCAGCTCCAATGAACACCGCCA 147 GCATGGCCAACTAGTGACTCGCAA TTGCGAGTCACTAGTTGGCCATGC 148 AGGCCGTAAAGCGAATCTCACCTG CAGGTGAGATTCGCTTTACGGCCT 149 CGAATATTATGCCGAGAATCCGCG CGCGGATTCTCGGCATAATATTCG 150 ACAGACGAGCTCCCAACCACATGA TCATGTGGTTGGGAGCTCGTCTGT 151 GGACGGTTTGTGCTGGATTGTCTG CAGACAATCCAGCACAAACCGTCC 152 AAAGGCTATTGAGTTGGTTGGGCG CGCCCAACCAACTCAATAGCCTTT 153 GATGGCCTATTCGGAGATCGGCC GGCCCGATCTCCGAATAGCCTTT 154 GATCCAGTAGGCAGCTTCATCCCA TGGATGAAGCTGCCTACTGGATC 155 AATAACTCGCCGCGGGTATGCTTCT AGAAGCATACCCGCGCGAGTTATT 156 GGAGGAGGTTTGTCTCGGAAAGCA TGCTTTCCGAGACAAACCTCCTCC 157 CTTTGGTATGGCACATCTCCCCC CGGCCAGCAAACCTCCTCCC 157 CTTTGGTATGGCACATCTCGCCCG CGGCAGCATGTCCCATACCAAAC 158 AGAAAGGCTCGACCACAGGGAACT AGTTCCCGTTGGAGCCTTTCT 159 AATCTACCGCACTGGTCCGCAAGT ACTTGCGGACCAGTCTCCAACCAAAC 159 AATCTACCGCACTGGTCCGCAAGT ACTTGCGGACCAGTGGCCATCCCAACC 161 TTGCAGTTCAATCCATACGCACGT ACTTGCGGACCAGTGGCCACCCACC 162 GGCCCAAAGCCCCACACCATTTTA TAAAATGGTCTGGGCCGCCACC 163 CGCCTGTCTTTGTCTCCGGACAAT ATTGTCCGGAGCAAAACTGTGGCCACCACC 164 TGAGGCAACAGGGGCCAAAAACTA TAGTTTTTGGCCCCCCACC 165 AGCGGAACTAGTCCCCAAGACT ACTGCCGAGACAAAACTGCCAACCAACCGGGCCCACCCAC	142	GGAACAGAGGCGAGGGGACTGAGC	GCTCAGTCCCCTCGCCTCTGTTCC
145 CTGACGGTTTTCATTCGGCGTGCC GGCACGCCGAATGAAAACCGTCAA 146 TGCGGTGGTCATTGGAGCTGGCC GGCCAGCTCCAATGAACCACCGCA 147 GCATGGCCAACTAGTGACTCGCAA TTGCGAGTCACTAGTTGGCCATGC 148 AGGCCGTAAAGCGAATCTCACCTG CAGGTGAGATTCGCTTTACGGCCT 149 CGAATATTATGCCGAGAATCCGCG CGCGGATTCTCGGCATAATATTCG 150 ACAGACGAGCTCCCAACCACATGA TCATGTGGTTGGGAGCTCGTCTGT 151 GGACGGTTTGTGTGGGAGTTGTCTG CAGACAATCCAGCACAAACCGTCC 152 AAAGGCTATTCGGAGTTGGTTGGGCG CGCCCAACCAACCACTAATAGCCTTT 153 GATGGCCTATTCGGAGATCGGCC GGCCCAACCAACCAATAGCCTTT 154 GATCCAGTAGGCAGCTTCATCCCA TGGGATGAAGCTGCCTACTGGATC 155 AATAACTCGCGCGGGTATTCTTCT AGAAGCATACCCGCGCAGGTTATT 156 GGAGGAGGTTTGTCTCGGAAAGCA TGCTTTCCGAACAAACCTCCTCC 157 CTTTGGTATGGCACAATGCTGCCC CGGCCAGCACAAACCTCCTCC 158 AGAAAAGGCTCGACACAGGGAAACT AGTTCCCGTTGCCATACCAACC 159 AATCTACCGCACTGGTCCGCAAGT ACTTCCCGTTGCTCGAGCCTTTCT 150 AATCTACCGCACTGGTCCGCAAGT ACTTCCCGTTGCTCGAGCCTTTCT 160 CGTGGCGGCCACACGTTTTTGGAGG CCTCCAAAAACTTGGGCCGCACC 161 TTGCAGTTCAATCCATACGCACGT ACTTCCGGACCATGTGCCCACC 162 GGCCCAAAGCCCCAGACCATTTTA TAAAATGGTCTGGGCCGCCACC 163 CGCCTGTCTTTGTCTCCGGACAAT ATTGTCCGGAGCAAAACTGCCAAC 164 TGAGGCAACAGGGGCCCAAAAACTA TAGTTTTTGGCCCCTGTTGCCCCA 165 AGCGGAAGTAGTCCTCGGCTCGTC GACCAGCCGGGAGACTACTTCCGCC 166 GGCCCCAAGGCTTAGAGATACTGCCGCCCCCCCCCCCCC	143	CCCTGCCTTGGCGTGTCGGCTTAT	ATAAGCCGACACGCCAAGGCAGGG
146 TGCGGTGGTTCATTGGAGCTGGCC GGCCAGCTCCAATGAACCACCGCC 147 GCATGGCCAACTAGTGACTCGCAA TTGCGAGTCACTAGTTGGCCATGGC 148 AGGCCGTAAAGCGAATCTCACCTG CAGGTGAGATTCGCCTTTACGGCCT 149 CGAATATTATGCCGAGAATCCGCG CGCGGATTCTCGGCATAATATTCG 150 ACAGACGAGCTCCCAACCACATGA TCATGTGGTTGGGAGCTCGTCTGT 151 GGACGGTTTGTGCTGGATTGTCTG CAGACAATCCAGCACAAACCGTCC 152 AAAGGCTATTGAGTTGGTTGGGCG CGCCCAACCAACTCAATAGCCTTT 153 GATGGCCTATTCGGAGATCGGGCC GGCCCGATCTCCGAATAGCCTTT 154 GATCCAGTAGGCAGCTTCATCCCA TGGGATGAAGCTGCCTACTGGATC 155 AATAACTCGCGCGGGGTATGCTTCT AGAAGCATACCCGCGCGAGTTATT 156 GGAGGAGGTTTGTCTCGGAAAGCA TGCTTTCCGAGACAAACCTCCTCC 157 CTTTGGTATGGCACATGCTGCCCG CGGGCAGCATGTGCCATACCAAAC 158 AGAAAGGCTCGAGCAACGGGAACT AGTTCCCGTTGCTCGAGCCTTTCT 159 AATCTACCGCACTGGTCCGCAAGT ACTTGCGGACCAGTGCGCTAGAT 160 CGTGGCGGCCACAGTTTTTGGAGG CCTCCCAAAAACTGTGGCCGCCACC 161 TTGCAGTTCAATCCATACGCACGT ACGTGCGTAGGATTGACCTGCAA 162 GGCCCAAAGCCCCAGACCATTTTA TAAAATGGTCTGGGCCGCCACC 163 CGCCTGTCTTTGTCTCCGGACAAT ATTGTCCGGAGCAAAACTGCCAA 164 TGAGGCAACAGGGGCCAAAAACTA TAGTTTTTGGCCCCTGTTGCCTCA 165 AGCGGAAGTAGTCCTCGGCTCGTC GACGAGCCAGGGCCTTTCCGC 166 GGCCCCAAGGCTTAGAGATAGTGG CCACTATCTCTAAGCCTTGGGCC 167 GCACGTGAAGTTTAACCGCGATTC GACGAGCCGAGGACTAACTTCCGC 168 AGCGGAAGTTTCACCGCGATTC GACGAGCCGAGGACTACTTCCGC 169 TCGTCGAGCAGACGTTCCTTGACGG CGTCAAAGACTTCCTGCCGCCAAGC 170 TCTTTGCCGCGTAACTGACTGCTT AAGCAGTCAGTTACCGCGCAAAGCCCTTTGCCTCAAAACTTTTACCGCGCCAAAGCTTTCTTGCCCCCTTTTTTTT	144	ACTCTGACACGCCAACTCCGGAAG	CTTCCGGAGTTGGCGTGTCAGAGT
147 GCATGGCCAACTAGTGACTCGCAA TTGCGAGTCACTAGTTGGCCATGC 148 AGGCCGTAAAGCGAATCTCACCTG CAGGTGAGATTCGCTTTACGGCCT 149 CGAATATTATGCCGAGAATCCGCG CGCGGATTCTCGGCATAATATTCG 150 ACAGACGAGCTCCCAACCACTGA TCATGTGGTTGGGAGCTCGTCTGT 151 GGACGGTTTGTGCTGGATTGTCTG CAGACAATCCAGCACAAACCGTCC 152 AAAGGCTATTGAGTTGGTTGGGCG CGCCCAACCAACTCAATAGCCTTT 153 GATGGCCTATTCGGAGATCGGGC GGCCCGATCTCCGAATAGGCCATG 154 GATCCAGTAGGCAGCTTCATCCCA TGGGATGAAGCTGCCTACTGGATC 155 AATAACTCGCGCGGGTATGCTTCT AGAAGCATACCCGCGCGAGTTATT 156 GGAGGAGGTTTGTCTCGGAAAGCA TGCTTTCCGAGACAACCTCCTCC 157 CTTTGGTATGGCACATGCTGCCCG CGGCCAGCAACACCTCCTCC 158 AGAAAGGCTCGAGCAACGGGAACT AGTTCCCGTTGCTCGAGCCTTTCT 159 AATCTACCGCACTGGTCCGCAAGT ACTTCCGAGACCAACCTTCTCT 160 CGTGGCGGCCACAGTTTTTTGGAGG CCTCCAAAAACTGTGGCCGCCACC 161 TTGCAGTTCAATCCATACGCACGT ACGTGCGTATGGATCGAACT 162 GGCCCAAAGCCCCAGACCATTTTA TAAAATGGTCTGGGGCTTTGGGCC 163 CGCCTGTCTTTGTCTCCGGACAAT ATTGTCCGGAGCAAAACTGCCAA 164 TGAGGCAACAGGGGCCAAAAACTA TAGTTTTTGGCCCCTTTGCCCA 165 AGCGGAAGTAGTCCTCGGCTCGTC GACGAGCCAGTGCGGTTGCCTCA 166 GGCCCCAAGGCCTTAGAGAAACTA TAGTTTTTGGCCCCTTTGCCTCA 167 GCACGTGAAGTTTAACCGCGCTTTC GACGAGCCAGGACCATTCCGCC 168 AGCGGCAGAAACGTTCCTTGACGG CCGTCAAGACCTTTCTCACGCCT 169 TCGTCGAGCAGAACGTTCCTTGACGG CCGTCAAGGAACGTTTCTGCCGCT 169 TCGTCGAGCAGAACTGACTGCTT AAGCAGTCAGTTTCTGCCGCT 170 TCTTTGCCGCGTAACTGACTGCTT AAGCAGTCAGTTACCGCGCAAAAACTTA TTTTTTTTTT	145	CTGACGGTTTTCATTCGGCGTGCC	GGCACGCCGAATGAAAACCGTCAG
148 AGGCCGTAAAGCGAATCTCACCTG CAGGTGAGATTCGCCTTTACGGCCT 149 CGAATATTATGCCGAGAATCCGCG CGCGGATTCTCGGCATAATATTCG 150 ACAGACGAGCTCCCAACCACTGA TCATGTGGTTGGGAGCTCGTCTGT 151 GGACGGTTTGTGCTGGATTGTCTG CAGACAATCCAGCACAAACCGTCC 152 AAAGGCTATTGAGTTGGTTGGGCG CGCCCAACCAACTCAATAGCCTTT 153 GATGGCCTATTCGGAGATCGGGCC GGCCCGATCTCCGAATAGGCCATC 154 GATCCAGTAGGCAGCTTCATCCCA TGGGATGAAGCTGCCTACTGGATC 155 AATAACTCGCGCGGGTATGCTTCT AGAAGCATACCCGCGGAGTATT 156 GGAGGAGGTTTGTCTCGGAAAGCA TGCTTTCCGAGACAACCTCCTCC 157 CTTTGGTATGGCACATGCTGCCG CGGCAGCATGTGCCATACCAAAC 158 AGAAAGGCTCGAGCAACGAGAACT AGTTCCCGTTGCTCGAGCCTTTCT 159 AATCTACCGCACTGGTCCGCAAGT ACTTGCGGACCAGTGCGTAGATC 160 CGTGGCGGCACAAGTTTTTGGAGG CCTCCCAAAAACTGCGGGTAGATT 161 TTGCAGTTCAATCCATACGCACGT ACGTGCGTATGGCCGCACCC 161 TTGCAGTTCAATCCATACGCACGT ACGTGCGTATGGACTACCAAC 162 GGCCCAAAGCCCCAGACCATTTTA TAAAATGGTCTGGGGCTTTGGCCAACCGAGCCATTTTGCCCGAGCACAAGCACCACCAAGCCCCAAGACCAACCA	146	TGCGGTGGTTCATTGGAGCTGGCC	GGCCAGCTCCAATGAACCACCGCA
149 CGAATATTATGCCGAGAATCCGCG CGCGGATTCTCGGCATAATATTCG 150 ACAGACGAGCTCCCAACCACATGA TCATGTGGTTGGGAGCTCGTCTGT 151 GGACGGTTTGTGTGTGTTGTCTG CAGACAATCCAGCACAAACCGTCC 152 AAAGGCTATTGAGTTGGTTGGGCG CGCCCAACCAACTCAATAGCCTTT 153 GATGGCCTATTCGGAGATCGGCC GGCCCGATCTCCGAATAGGCCATC 154 GATCCAGTAGGCAGCTTCATCCCA TGGGATGAAGCTGCCTACTGGATC 155 AATAACTCGCGCGGGTATGCTTCT AGAAGCATACCCGCCGAGTTATT 156 GGAGGAGGTTTGTCTCGGAAAGCA TGCTTTCCGAGACAAACCTCCTCC 157 CTTTGGTATGGCACATGCTGCCCG CGGCAGCATGCTGCATACCAAAC 158 AGAAAGGCTCGAGCAACGGGAACT AGTTCCCGTTGCTCGAGCATTCT 159 AATCTACCGCACTGGTCCGCAAGT ACTTGCGGACCATGCTGGCCACC 160 CGTGGCGGCCACAGTTTTTGGAGG CCTCCAAAAACTGTGGCCGCACC 161 TTGCAGTTCAATCCATACGCACGT ACGTCGGAGCAAACTGCAAC 162 GGCCCAAAGCCCCAGACCATTTTA TAAAATGGTCTGGGCCTTTGGCCAA 163 CGCCTGTCTTTGTCTCCGGACAAT ATTGTCCGGAGACAAAGCACGCCAA 164 TGAGGCAACAGGGGCCAAAAACTA TAGTTTTTGCCCCTTTTGGCCC 165 AGCGGAAGTAGTCCTCGGCTCGTC GACGAGCCAGGAGCATTTCCCCC 166 GGCCCCAAGGCTTAGAGAAACTA TAGTTTTTTGCCCCTTTTGCCTCA 167 GCACGTGAAGTTTAACCGCGATTC GACGAGCCGAGGACTACTTCCGCC 168 AGCGGCAGAAACTTTAACCGCGATTC GACGAGCCGAGGACTACTTCCGCC 169 TCGTCGAGCAGACGAGTTCCTTGACGG CCGTCCAAGGAACCTTTCTACCCTTGCCCCACCACCACCACCACCACCACCACCACCACCACCAC	147	GCATGGCCAACTAGTGACTCGCAA	TTGCGAGTCACTAGTTGGCCATGC
150 ACAGACGAGCTCCCAACCACATGA TCATGTGGTTGGGAGCTCGTCTGT 151 GGACGGTTTGTGTGTGGATTGTCTG CAGACAATCCAGCACAAACCGTCC 152 AAAGGCTATTGAGTTGGTTGGGCG CGCCCAACCAACTCAATAGCCTTT 153 GATGGCCTATTCGGAGATCGGCC GGCCCGATCTCCGAATAGGCCATC 154 GATCCAGTAGGCAGCTTCATCCCA TGGGATGAGCTGCCTACTGGATC 155 AATAACTCGCGCGGGTATGCTTCT AGAAGCATACCCGCGCGAGTTATT 156 GGAGGAGGTTTGTCTCGGAAAGCA TGCTTTCCGAGACAAACCTCCTCC 157 CTTTGGTATGGCACATGCTGCCCG CGGCCAGCATGTCCATACCAAAC 158 AGAAAGGCTCGAGCAACGGGAACT AGTTCCCGTTGCTCGAGCCTTTCT 159 AATCTACCGCACTGGTCCGCAAGT ACTTGCGGACCAGTGCGGTAGATT 160 CGTGGCGGCCACAGTTTTTGGAGG CCTCCAAAAACTGTGGCCGCCACC 161 TTGCAGTTCAATCCATACGCACGT ACGTGCGTATGGACTTGCAA 162 GGCCCAAAGCCCCAGACCATTTTA TAAAATGGTCTGGGGCTTTGGACCAACCAACCACTTTTTA TAAAATGGTCTGGGGCCTTTCGAGCCTTTGGAGCCCTGTCCGAAAAACTATTGAACTGCAAACTAACAACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGAACACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGAACAAGACAAGACAAGACAAGACAAGAACAAGACAAGACAAGAACAAGACAAGAACAAGACAAGACAAGAACAAGACAAGAACAAGACAAGACAAGACAAGACAAGACAAGACAAGACAAGAACAAGACAAGACAAGACAAGAACAAGACAAGAACAAGACAAGACAAGACAAGAACAAGACAAGAACAAGACAAGAACAAGAACAAGACAAGAACAAGAACAAGAACAAGACAAGAACAAGAACAAGACAAGAACAAGAACAAGAACAAGAACAAGAACAAG	148	AGGCCGTAAAGCGAATCTCACCTG	CAGGTGAGATTCGCTTTACGGCCT
151 GGACGGTTTGTGCTGGATTGTCTG CAGACAATCCAGCACAAACCGTCC 152 AAAGGCTATTGAGTTGGTTGGGCG CGCCCAACCAACTCAATAGCCTTT 153 GATGGCCTATTCGGAGATCGGGCC GGCCCGATCTCCGAATAGGCCATC 154 GATCCAGTAGGCAGCTTCATCCCA TGGGATGAAGCTGCCTACTGGATC 155 AATAACTCGCGCGGGTATGCTTCT AGAAGCATACCCGCGCGAGTTATT 156 GGAGGAGGTTTGTCTCGGAAAGCA TGCTTTCCGAGACAAACCTCCTCC 157 CTTTGGTATGGCACATGCTGCCCG CGGCAGCATGTGCCATACCAAAC 158 AGAAAGGCTCGAGCAACGGGAACT AGTTCCCGTTGCTCGAGCCTTTCT 159 AATCTACCGCACTGGTCCGCAAGT ACTTGCGGACCAGTGCGGTAGAT 160 CGTGGCGGCCACAGTTTTTGGAGG CCTCCAAAAACTGTGGCCGCCACC 161 TTGCAGTTCAATCCATACGCACGT ACGTGCGTATGGATTGAACTGCAA 162 GGCCCAAAGCCCCAGACCATTTTA TAAAATGGTCTGGGGCTTTTGGCCA 163 CGCCTGTCTTTGTCTCCGGACAAT ATTGTCCGGAGACAAAGACAGCC 164 TGAGGCAACAGGGGCCAAAAACTA TAGTTTTTGGCCCCTGTTGCCTCA 165 AGCGGAAGTAGTCCTCGGCTCGTC GACGAGCCAGGACAAAGACAGCC 166 GGCCCCAAGGCTTAGAGAATAGTGG CCACTATCTCTAAGCCTTGGGGCC 167 GCACGTGAAGTTTAACCGCGGATTC GAATCGCGGTTAAACTTCACGTGC 168 AGCGGCAGAACGTTCCTTGACGG CCGTCAAGGAACGTTTCTGCGCT 169 TCGTCGAGCAGACGATTCCTTGACGG CCGTCAAGGAACGTTTCTGCCGCT 170 TCTTTGCCGCGTTAAACTTGACCGA TCGGTTAACCTCTCGCCGAAAGACAGACAGACAAGACA	149	CGAATATTATGCCGAGAATCCGCG	CGCGGATTCTCGGCATAATATTCG
152 AAAGGCTATTGAGTTGGTTGGGCG CGCCCAACCAACTCAATAGCCTTT 153 GATGGCCTATTCGGAGATCGGGCC GGCCCGATCTCCGAATAGGCCATC 154 GATCCAGTAGGCAGCTTCATCCCA TGGGATGAAGCTGCCTACTGGATC 155 AATAACTCGCGCGGGTATGCTTCT AGAAGCATACCCGCGCGAGTTATT 156 GGAGGAGGTTTGTCTCGGAAAGCA TGCTTTCCGAGACAAACCTCCTCC 157 CTTTGGTATGGCACATGCTGCCCG CGGGCAGCATGTGCCATACCAAAC 158 AGAAAGGCTCGAGCAACGGGAACT AGTTCCCGTTGCTCGAGCCTTTCT 159 AATCTACCGCACTGGTCCGCAAGT ACTTGCGGACCAGTGCGGTAGATT 160 CGTGGCGGCCACAGTTTTTGGAGG CCTCCAAAAACTGTGGCCGCCACC 161 TTGCAGTTCAATCCATACGCACGT ACGTGCGTATGGATTGAACTGCAA 162 GGCCCAAAGCCCCAGACCATTTTA TAAAATGGTCTGGGGCTTTGGGCC 163 CGCCTGTCTTTGTCTCCGGACAAT ATTGTCCGGAGCAAAACAGACAGCC 164 TGAGGCAACAGGGGCCAAAAACTA TAGTTTTTGGCCCCTGTTGCCTCA 165 AGCGGAAGTAGTCCTCGGCTCGTC GACGAGCCAGAGACAAAGCAGGCC 166 GGCCCCAAGGCTTAGAGATAGTGG CCACTATCTCTAAGCCTTGGGGCC 167 GCACGTGAAGTTTAACCGCGATTC GAATCGCGGTTAAACTTCACGTGC 168 AGCGGCAGAAACGTTCCTTGACGG CCGTCAAGGAACGTTTCTGCGCT 169 TCGTCGAGCAGACGAGATTGCACG CGTCCAAGGAACGTTTCTGCCGCT 169 TCGTCGAGCAGACGAGATTGCACG CGTCCAAGGAACGTTTCTGCCGCT 170 TCTTTGCCCGCGTAACTGACTGCTT AAGCAGTCAGTTACGCCGCCAAAACTAAACT	150	ACAGACGAGCTCCCAACCACATGA	TCATGTGGTTGGGAGCTCGTCTGT
153 GATGGCCTATTCGGAGATCGGCC GGCCCGATCTCCGAATAGGCCATC 154 GATCCAGTAGGCAGCTTCATCCCA TGGGATGAAGCTGCCTACTGGATC 155 AATAACTCGCGCGGGGTATGCTTCT AGAAGCATACCCGCGCGAGTTATT 156 GGAGGAGGTTTGTCTCGGAAAGCA TGCTTTCCGAGACAAACCTCCTCC 157 CTTTGGTATGGCACATGCTGCCG CGGGCAGCATGTGCCATACCAAAC 158 AGAAAGGCTCGAGCAACGGGAACT AGTTCCCGTTGCTCGAGCCTTTCT 159 AATCTACCGCACTGGTCCGCAAGT ACTTGCGGACCAGTGCGGTAGATT 160 CGTGGCGGCCACAGTTTTTGGAGG CCTCCAAAAACTGTGGCCGCCACC 161 TTGCAGTTCAATCCATACGCACGT ACGTGCGTATGGATTGAACTGCAA 162 GGCCCAAAGCCCCAGACCATTTTA TAAAATGGTCTGGGGCTTTGGGCC 163 CGCCTGTCTTTGTCTCCGGACAAT ATTGTCCGGAGACAAAGACAGGCC 164 TGAGGCAACAGGGGCCAAAAACTA TAGTTTTTGGCCCCTGTTGCCTCA 165 AGCGGAAGTAGTCCTCGGCTCGTC GACGAGCCGAGGACTACTTCCGC 166 GGCCCCAAGGCTTAGAGATAGTGG CCACTATCTCTAAGCCTTGGGGCC 167 GCACGTGAAGTTTAACCGCGATTC GAATCGCGGTTAAACTTCACGTGC 168 AGCGGCAGAAACGTTCCTTGACGG CCGTCAAGGAACGTTTCTGCCGCT 169 TCGTCGAGCAGACGAGATTGCACG CGTCCAAGGAACGTTTCTGCCGCT 170 TCTTTGCCCGCGTAACCGCTT AAGCAGTCAGTTACGCGGCAAAGACATACTTCCGCCTCTTTTTTTT	151	GGACGGTTTGTGCTGGATTGTCTG	CAGACAATCCAGCACAAACCGTCC
154 GATCCAGTAGGCAGCTTCATCCCA TGGGATGAAGCTGCCTACTGGATC 155 AATAACTCGCGCGGGTATGCTTCT AGAAGCATACCCGCGCGAGTTATT 156 GGAGGAGGTTTGTCTCGGAAAGCA TGCTTTCCGAGACAAACCTCCTCC 157 CTTTGGTATGGCACATGCTGCCCG CGGGCAGCATGTGCCATACCAAAC 158 AGAAAGGCTCGAGCAACGGGAACT AGTTCCCGTTGCTCGAGCCTTTCT 159 AATCTACCGCACTGGTCCGCAAGT ACTTGCGGACCAGTGCGGTAGAT 160 CGTGGCGGCCACAGTTTTTGGAGG CCTCCAAAAACTGTGGCCGCCACC 161 TTGCAGTTCAATCCATACGCACGT ACGTGCGTATGGATTGAACTGCAA 162 GGCCCAAAGCCCCAGACCATTTTA TAAAATGGTCTGGGGCTTTTGGGCC 163 CGCCTGTCTTTGTCTCCGGACAAT ATTGTCCGGAGACAAAGACAGGCC 164 TGAGGCAACAGGGGCCAAAAACTA TAGTTTTTGGCCCCTGTTGCCTCA 165 AGCGGAAGTAGTCCTCGGCTCGTC GACGAGCCAGGACTACTTCCGC 166 GGCCCCAAGGCTTAGAGATAGTGG CCACTATCTCTAAGCCTTGGGGCC 167 GCACGTGAAGTTTAACCGCGATTC GAATCGCGGTTAAACTTCACGTGC 168 AGCGGCAGAACGTTCCTTGACGG CCGTCAAGGAACGTTTCTGCCGCC 169 TCGTCGAGCAGACGAGTTGCACG CGTCCAATCTCTGCCCGCT 169 TCGTCGAGCAGACGAGTTGCACG CGTGCAATCTCGCCGCT 170 TCTTTGCCGCGTAACTGACTGCTT AAGCAGTCAGTTACGCGGCAAAAGACAGACAGACAGACAG	152	AAAGGCTATTGAGTTGGTTGGGCG	CGCCCAACCAACTCAATAGCCTTT
155 AATAACTCGCGCGGGTATGCTTCT AGAAGCATACCCGCGCGAGTTATT 156 GGAGGAGGTTTGTCTCGGAAAGCA TGCTTTCCGAGACAAACCTCCTCC 157 CTTTGGTATGGCACATGCTGCCCG CGGGCAGCATGTGCCATACCAAAC 158 AGAAAGGCTCGAGCAACGGGAACT AGTTCCCGTTGCTCGAGCCTTTCT 159 AATCTACCGCACTGGTCCGCAAGT ACTTGCGGACCAGTGCGGTAGAT 160 CGTGGCGGCCACAGTTTTTGGAGG CCTCCAAAAACTGTGGCCGCCACC 161 TTGCAGTTCAATCCATACGCACGT ACGTGCGTATGGATTGAACTGCAA 162 GGCCCAAAGCCCCAGACCATTTTA TAAAATGGTCTGGGGCTTTGGGCC 163 CGCCTGTCTTTGTCTCCGGACAAT ATTGTCCGGAGACAAAGACAGGCC 164 TGAGGCAACAGGGGCCAAAAACTA TAGTTTTTGGCCCCTGTTGCCTCA 165 AGCGGAAGTAGTCCTCGGCTCGTC GACGAGCCAGAGACTACTTCCGC 166 GGCCCCAAGGCTTAGAGATAGTGG CCACTATCTCTAAGCCTTGGGGCC 167 GCACGTGAAGTTTAACCGCGATTC GAATCGCGGTTAAACTTCACGTGC 168 AGCGGCAGAAACGTTCCTTGACGG CCGTCAAGGAACGTTTCTGCCGCT 169 TCGTCGAGCAGACGAGATTGCACG CGTGCAATCTCCGCTCGACGA 170 TCTTTGCCGCGTAACTGACTGCTT AAGCAGTCAGTTACCGCGGCAAAAGACATAAACTTAACCGCGGTTAACCTTCGCCGCT 171 TTTATGTGCCAAGGGGTTAACCGA TCGGTTAACCCCTTGGCACAAAAACTAAAACTTAACCCCGTTAAACCTTCGCCGCTAAGCAACCCCTTTGCCGCCAAAAACTA TCTTTTTTTTCTCCCGCCTAAGGAACGTTTCTTTTTTTTT	153	GATGGCCTATTCGGAGATCGGGCC	GGCCCGATCTCCGAATAGGCCATC
156 GGAGGAGGTTTGTCTCGGAAAGCA TGCTTTCCGAGACAAACCTCCTCC 157 CTTTGGTATGGCACATGCTGCCG CGGCAGCATGTGCCATACCAAAC 158 AGAAAGGCTCGAGCAACGGGAACT AGTTCCCGTTGCTCGAGCCTTTCT 159 AATCTACCGCACTGGTCCGCAAGT ACTTGCGGACCAGTGCGGTAGAT 160 CGTGGCGGCCACAGTTTTTGGAGG CCTCCAAAAACTGTGGCCGCCACC 161 TTGCAGTTCAATCCATACGCACGT ACGTGCGTATGGATTGAACTGCAA 162 GGCCCAAAGCCCCAGACCATTTTA TAAAATGGTCTGGGGCTTTGGGCC 163 CGCCTGTCTTTGTCTCCGGACAAT ATTGTCCGGAGACAAAGACAGGCC 164 TGAGGCAACAGGGGCCAAAAACTA TAGTTTTTGGCCCCTGTTGCCTCA 165 AGCGGAAGTAGTCCTCGGCTCGTC GACGAGCCGAGGACTACTTCCGC 166 GGCCCCAAGGCTTAGAGATAGTGG CCACTATCTCTAAGCCTTGGGGCC 167 GCACGTGAAGTTTAACCGCGATTC GAATCGCGGTTAAACTTCACGTGC 168 AGCGGCAGAAACGTTCCTTGACGG CCGTCAAGGAACGTTTCTGCCGCT 169 TCGTCGAGCAGACGAGATTGCACG CGTGCAATCTCGTCTGACGACTACTTCCGCCT 170 TCTTTGCCGCGTAACTGACTGCTT AAGCAGTCAGTTACGCGGCAAAAACTA 171 TTTATGTGCCAAGGGGTTAAACCGA TCGGTTAACCCCTTTGGCACAAAAACTA 171 TTTATGTGCCAAGGGGTTAAACCGA TCGGTTAACCCCTTTGGCACAAAAACTA 171 TTTATGTGCCAAGGGGTTAAACCGA TCGGTTAACCCCTTTGGCACAAAAACTA 171 TTTATGTGCCAAGGGGTTAAACCGA TCGGTTAACCCCTTTGGCACAAAAAACAAAAC	154	GATCCAGTAGGCAGCTTCATCCCA	TGGGATGAAGCTGCCTACTGGATC
157 CTTTGGTATGGCACATGCTGCCG CGGGCAGCATGTGCCATACCAAAC 158 AGAAAGGCTCGAGCAACGGGAACT AGTTCCCGTTGCTCGAGCCTTTCT 159 AATCTACCGCACTGGTCCGCAAGT ACTTGCGGACCAGTGCGGTAGAT 160 CGTGGCGGCCACAGTTTTTGGAGG CCTCCAAAAACTGTGGCCGCCACC 161 TTGCAGTTCAATCCATACGCACGT ACGTGCGTATGGATTGAACTGCAA 162 GGCCCAAAGCCCCAGACCATTTTA TAAAATGGTCTGGGGCTTTGGGCC 163 CGCCTGTCTTTGTCTCCGGACAAT ATTGTCCGGAGACAAAAGACAGGCC 164 TGAGGCAACAGGGGCCAAAAACTA TAGTTTTTGGCCCCTGTTGCCTCA 165 AGCGGAAGTAGTCCTCGGCTCGTC GACGAGCCGAGGACTACTTCCGC 166 GGCCCCAAGGCTTAGAGATAGTGG CCACTATCTCTAAGCCTTGGGGCC 167 GCACGTGAAGTTTAACCGCGATTC GAATCGCGGTTAAACTTCACGTGC 168 AGCGGCAGAAACGTTCCTTGACGG CCGTCAAGGAACGTTTCTGCCGCT 169 TCGTCGAGCAGACGAGATTGCACG CGTGCAATCTCGTCTGACGACAAACTA 170 TCTTTGCCGCGTAACTGACTGCTT AAGCAGTCAGTTACGCGGCAAAAACTA 171 TTTATGTGCCAAGGGGTTAACCGA TCGGTTAACCCCTTGGCACAAAAACTA 171 TTTATGTGCCAAGGGGTTAACCGA TCGGTTAACCCCTTGGCACAAAAAACTA 171 TTTATGTGCCAAGGGGTTAACCGA TCGGTTAACCCCTTGGCACAAAAAACTA 171 TTTATGTGCCAAGGGGTTAACCGA TCGGTTAACCCCTTGGCACAATAAAACTAAAACTTCACCGTGCACAAAAACTA TCGGTTAACCCCCTTGGCACAAAAAAAAACTA TCGGTTAACCCCCTTGGCACAAAAAAAAAA	155	AATAACTCGCGCGGGTATGCTTCT	AGAAGCATACCCGCGCGAGTTATT
158 AGAAAGGCTCGAGCAACGGGAACT AGTTCCCGTTGCTCGAGCCTTTCT 159 AATCTACCGCACTGGTCCGCAAGT ACTTGCGGACCAGTGCGGTAGAT 160 CGTGGCGGCCACAGTTTTTGGAGG CCTCCAAAAACTGTGGCCGCCACC 161 TTGCAGTTCAATCCATACGCACGT ACGTGCGTATGGATTGAACTGCAA 162 GGCCCAAAGCCCCAGACCATTTTA TAAAATGGTCTGGGGCTTTGGGCC 163 CGCCTGTCTTTGTCTCCGGACAAT ATTGTCCGGAGACAAAGACAAGGCC 164 TGAGGCAACAGGGGCCAAAAACTA TAGTTTTTGGCCCCTGTTGCCTCA 165 AGCGGAAGTAGTCCTCGGCTCGTC GACGAGCCGAGGACTACTTCCGC 166 GGCCCCAAGGCTTAGAGATAGTGG CCACTATCTCTAAGCCTTGGGGCC 167 GCACGTGAAGTTTAACCGCGATTC GAATCGCGGTTAAACTTCACGTGC 168 AGCGGCAGAAACGTTCCTTGACGG CCGTCAAGGAACGTTTCTGCCGCT 169 TCGTCGAGCAGACGAGATTGCACG CGTGCAATCTCGTCTGCTCGACGA 170 TCTTTGCCGCGTAACTGACTGCTT AAGCAGTCAGTTACGCGGCAAAAACTA 171 TTTATGTGCCAAGGGGTTAACCGA TCGGTTAACCCCTTTGGCACAAAAACTA 171 TTTATGTGCCAAGGGGTTAACCGA TCGGTTAACCCCTTTGGCACAATAAA	156	GGAGGAGGTTTGTCTCGGAAAGCA	TGCTTTCCGAGACAAACCTCCTCC
159 AATCTACCGCACTGGTCCGCAAGT ACTTGCGGACCAGTGCGGTAGATT 160 CGTGGCGGCCACAGTTTTTTGGAGG CCTCCAAAAACTGTGGCCGCCACC 161 TTGCAGTTCAATCCATACGCACGT ACGTGCGTATGGATTGAACTGCAA 162 GGCCCAAAGCCCCAGACCATTTTA TAAAATGGTCTGGGGCTTTGGGCC 163 CGCCTGTCTTTGTCTCCGGACAAT ATTGTCCGGAGACAAAGACAGGCC 164 TGAGGCAACAGGGGCCAAAAACTA TAGTTTTTGGCCCCTGTTGCCTCA 165 AGCGGAAGTAGTCCTCGGCTCGTC GACGAGCCGAGGACTACTTCCGC 166 GGCCCCAAGGCTTAGAGATAGTGG CCACTATCTCTAAGCCTTGGGGCC 167 GCACGTGAAGTTTAACCGCGATTC GAATCGCGGTTAAACTTCACGTGC 168 AGCGGCAGAAACGTTCCTTGACGG CCGTCAAGGAACGTTTCTGCCGCT 169 TCGTCGAGCAGACGAGATTGCACG CGTCCAATCTCTGCTCGACGA 170 TCTTTGCCGCGTAACTGACTGCTT AAGCAGTCAGTTACGCGGCAAAGACGTTTCTTGCCGCT 171 TTTATGTGCCAAGGGGTTAACCGA TCGGTTAACCCCTTGGCACAAAAACGTTTCTTGCCGCAAAGAAACGTTTCTGCCGCAAAGAAACGTTTCTGCCGCGAAAGAACGTTTCTGCCGCGAAAGAACGTTTCTGCCGCGAAAGAACGTTTCTGCCGCGAAAGAACGTTTCTGCCGCGAAAGAACGTTTCTGCCGCGCAAAGAACGTTTCTGCCGCGAAAGAACGTTTCTGCCGCGCAAAGAACGTTTCTGCCGCGCAAAGAACGTTTAACCCCCTTGCCCGACGAAAAACGTTTAACCCAAACGAACG	157	CTTTGGTATGGCACATGCTGCCCG	CGGGCAGCATGTGCCATACCAAAG
160 CGTGGCGCCACAGTTTTTGGAGG CCTCCAAAAACTGTGGCCGCCACG 161 TTGCAGTTCAATCCATACGCACGT ACGTGCGTATGGATTGAACTGCAA 162 GGCCCAAAGCCCCAGACCATTTTA TAAAATGGTCTGGGGCTTTGGGCC 163 CGCCTGTCTTTGTCTCCGGACAAT ATTGTCCGGAGACAAAGACAGGCC 164 TGAGGCAACAGGGGCCAAAAACTA TAGTTTTTGGCCCCTGTTGCCTCA 165 AGCGGAAGTAGTCCTCGGCTCGTC GACGAGCCGAGGACTACTTCCGC 166 GGCCCCAAGGCTTAGAGATAGTGG CCACTATCTCTAAGCCTTGGGGCC 167 GCACGTGAAGTTTAACCGCGATTC GAATCGCGGTTAAACTTCACGTGC 168 AGCGGCAGAAACGTTCCTTGACGG CCGTCAAGGAACGTTTCTGCCGCT 169 TCGTCGAGCAGACGAGATTGCACG CGTGCAATCTCGTCTGACGA 170 TCTTTGCCGCGTAACTGACTGCTT AAGCAGTCAGTTACGCGGCCAAAGAC 171 TTTATGTGCCAAGGGGTTAACCGA TCGGTTAACCCCTTGGCACGAAAAACAAAAC	158	AGAAAGGCTCGAGCAACGGGAACT	AGTTCCCGTTGCTCGAGCCTTTCT
161 TTGCAGTTCAATCCATACGCACGT ACGTGCGTATGGATTGAACTGCAA 162 GGCCCAAAGCCCCAGACCATTTTA TAAAATGGTCTGGGGCTTTGGGCC 163 CGCCTGTCTTTGTCTCCGGACAAT ATTGTCCGGAGACAAAGACAGGCC 164 TGAGGCAACAGGGGCCAAAAACTA TAGTTTTTGGCCCCTGTTGCCTCA 165 AGCGGAAGTAGTCCTCGGCTCGTC GACGAGCCGAGGACTACTTCCGC 166 GGCCCCAAGGCTTAGAGATAGTGG CCACTATCTCTAAGCCTTGGGGCC 167 GCACGTGAAGTTTAACCGCGATTC GAATCGCGGTTAAACTTCACGTGC 168 AGCGGCAGAAACGTTCCTTGACGG CCGTCAAGGAACGTTTCTGCCGCT 169 TCGTCGAGCAGACGAGATTGCACG CGTGCAATCTCGTCTCG	159	AATCTACCGCACTGGTCCGCAAGT	ACTTGCGGACCAGTGCGGTAGATT
162 GGCCCAAAGCCCCAGACCATTTTA TAAAATGGTCTGGGGCTTTGGGCCC 163 CGCCTGTCTTTGTCTCCGGACAAT ATTGTCCGGAGACAAAGACAGGCCC 164 TGAGGCAACAGGGGCCAAAAACTA TAGTTTTTGGCCCCTGTTGCCTCA 165 AGCGGAAGTAGTCCTCGGCTCGTC GACGAGCCGAGGACTACTTCCGCC 166 GGCCCCAAGGCTTAGAGATAGTGG CCACTATCTCTAAGCCTTGGGGCCC 167 GCACGTGAAGTTTAACCGCGATTC GAATCGCGGTTAAACTTCACGTGCC 168 AGCGGCAGAAACGTTCCTTGACGG CCGTCAAGGAACGTTTCTGCCGCT 169 TCGTCGAGCAGACGAGATTGCACG CGTGCAATCTCGTCTCG	160	CGTGGCGCCACAGTTTTTGGAGG	CCTCCAAAAACTGTGGCCGCCACG
163 CGCCTGTCTTTGTCTCCGGACAAT ATTGTCCGGAGACAAAGACAGGCC 164 TGAGGCAACAGGGGCCAAAAACTA TAGTTTTTGGCCCCTGTTGCCTCA 165 AGCGGAAGTAGTCCTCGGCTCGTC GACGAGCCGAGGACTACTTCCGC 166 GGCCCCAAGGCTTAGAGATAGTGG CCACTATCTCTAAGCCTTGGGGCC 167 GCACGTGAAGTTTAACCGCGATTC GAATCGCGGTTAAACTTCACGTGC 168 AGCGGCAGAAACGTTCCTTGACGG CCGTCAAGGAACGTTTCTGCCGCT 169 TCGTCGAGCAGACGAGATTGCACG CGTGCAATCTCGTCTCG	161	TTGCAGTTCAATCCATACGCACGT	ACGTGCGTATGGATTGAACTGCAA
164 TGAGGCAACAGGGGCCAAAAACTA TAGTTTTTGGCCCCTGTTGCCTCA 165 AGCGGAAGTAGTCCTCGGCTCGTC GACGAGCCGAGGACTACTTCCGCC 166 GGCCCCAAGGCTTAGAGATAGTGG CCACTATCTCTAAGCCTTGGGGCC 167 GCACGTGAAGTTTAACCGCGATTC GAATCGCGGTTAAACTTCACGTGC 168 AGCGGCAGAAACGTTCCTTGACGG CCGTCAAGGAACGTTTCTGCCGCT 169 TCGTCGAGCAGACGAGATTGCACG CGTGCAATCTCGTCTGCTCGACGA 170 TCTTTGCCGCGTAACTGACTGCTT AAGCAGTCAGTTACGCGGCAAAGA 171 TTTATGTGCCAAGGGGTTAACCGA TCGGTTAACCCCTTGGCACATAAA	162	GGCCCAAAGCCCCAGACCATTTTA	TAAAATGGTCTGGGGCTTTGGGCC
165 AGCGGAAGTAGTCCTCGGCTCGTC GACGAGCCGAGGACTACTTCCGCC 166 GGCCCCAAGGCTTAGAGATAGTGG CCACTATCTCTAAGCCTTGGGGCCC 167 GCACGTGAAGTTTAACCGCGATTC GAATCGCGGTTAAACTTCACGTGCC 168 AGCGGCAGAAACGTTCCTTGACGG CCGTCAAGGAACGTTTCTGCCGCT 169 TCGTCGAGCAGACGAGATTGCACG CGTGCAATCTCGTCTGCTCGACGA 170 TCTTTGCCGCGTAACTGACTGCTT AAGCAGTCAGTTACGCGGCAAAGA 171 TTTATGTGCCAAGGGGTTAACCGA TCGGTTAACCCCTTGGCACATAAA	163	CGCCTGTCTTTGTCTCCGGACAAT	ATTGTCCGGAGACAAGACAGGCG
166 GGCCCAAGGCTTAGAGATAGTGG CCACTATCTCTAAGCCTTGGGGCCC 167 GCACGTGAAGTTTAACCGCGATTC GAATCGCGGTTAAACTTCACGTGC 168 AGCGCAGAAACGTTCCTTGACGG CCGTCAAGGAACGTTTCTGCCGCT 169 TCGTCGAGCAGACGAGATTGCACG CGTGCAATCTCGTCTGCTCGACGA 170 TCTTTGCCGCGTAACTGACTGCTT AAGCAGTCAGTTACGCGGCAAAGA 171 TTTATGTGCCAAGGGGTTAACCGA TCGGTTAACCCCTTGGCACATAAA	164	TGAGGCAACAGGGGCCAAAAACTA	TAGTTTTTGGCCCCTGTTGCCTCA
167 GCACGTGAAGTTTAACCGCGATTC GAATCGCGGTTAAACTTCACGTGC 168 AGCGGCAGAAACGTTCCTTGACGG CCGTCAAGGAACGTTTCTGCCGCT 169 TCGTCGAGCAGACGAGATTGCACG CGTGCAATCTCGTCTGCTCGACGA 170 TCTTTGCCGCGTAACTGACTGCTT AAGCAGTCAGTTACGCGGCAAAGA 171 TTTATGTGCCAAGGGGTTAACCGA TCGGTTAACCCCTTGGCACATAAA	165	AGCGGAAGTAGTCCTCGGCTCGTC	GACGAGCCGAGGACTACTTCCGCT
168 AGCGGCAGAAACGTTCCTTGACGG CCGTCAAGGAACGTTTCTGCCGCT 169 TCGTCGAGCAGACGAGATTGCACG CGTGCAATCTCGTCTGCTCGACGA 170 TCTTTGCCGCGTAACTGACTGCTT AAGCAGTCAGTTACGCGGCAAAGA 171 TTTATGTGCCAAGGGGTTAACCGA TCGGTTAACCCCTTGGCACATAAA	166	GGCCCCAAGGCTTAGAGATAGTGG	CCACTATCTCTAAGCCTTGGGGCC
169 TCGTCGAGCAGACGAGATTGCACG CGTGCAATCTCGTCTGCTCGACGA 170 TCTTTGCCGCGTAACTGACTGCTT AAGCAGTCAGTTACGCGGCAAAGA 171 TTTATGTGCCAAGGGGTTAACCGA TCGGTTAACCCCTTGGCACATAAA	167	GCACGTGAAGTTTAACCGCGATTC	GAATCGCGGTTAAACTTCACGTGC
170 TCTTTGCCGCGTAACTGACTGCTT AAGCAGTCAGTTACGCGGCAAAGA 171 TTTATGTGCCAAGGGGTTAACCGA TCGGTTAACCCCTTGGCACATAAA	168	AGCGGCAGAAACGTTCCTTGACGG	CCGTCAAGGAACGTTTCTGCCGCT
171 TTTATGTGCCAAGGGGTTAACCGA TCGGTTAACCCCTTGGCACATAAA	169	TCGTCGAGCAGACGAGATTGCACG	CGTGCAATCTCGTCTGCTCGACGA
	170	TCTTTGCCGCGTAACTGACTGCTT	AAGCAGTCAGTTACGCGGCAAAGA
470 TOTTACTOTOCTOACCOCACTOC	171	TTTATGTGCCAAGGGGTTAACCGA	TCGGTTAACCCCTTGGCACATAAA
1/2 IGHACTGTGGTTCACGGCAGTCC GGACTGCCGTGAACCACAGTAACA	172	TGTTACTGTGGTTCACGGCAGTCC	GGACTGCCGTGAACCACAGTAACA



173	CGCGCCTCGCTAGACCTTTTATTG	CAATAAAAGGTCTAGCGAGGCGCG
174	ACAAATGCGTGAGAGCTCCCAACT	AGTTGGGAGCTCTCACGCATTTGT
175	CGCGCAGATTATAGACCCGAATGT	ACATTCGGGTCTATAATCTGCGCG
176	CAAATAACGCCGCTGAATCGGCGT	ACGCCGATTCAGCGGCGTTATTTG
177	CCTTCGTGCATCGGTGATGATGTT	AACATCATCACCGATGCACGAAGG
178	TGAACACGAGCAACACTCCAACGC	GCGTTGGAGTGTTGCTCGTGTTCA
179	CAGCAGATCCTTCGTAGCGGTCGT	ACGACCGCTACGAAGGATCTGCTG
180	GGAACCTGGTGAGTTGTGCCTCAT	ATGAGGCACAACTCACCAGGTTCC
181	TCATAAGCGACAATCGCGGGCTTA	TAAGCCCGCGATTGTCGCTTATGA
182	CCCAACGTCACTGAAGCTCACAGT	ACTGTGAGCTTCAGTGACGTTGGG
183	TGTCAGAGCCCGCGACTCAGACGG	CCGTCTGAGTCGCGGGCTCTGACA
184	TACACGAAGCCTCTCCGTGGTCCA	TGGACCACGGAGAGGCTTCGTGTA
185	CTCAGAAGTCCTCGGCGAACTGGG	CCCAGTTCGCCGAGGACTTCTGAG
186	ATCCTTTTATCTACTCCGCGGCGA	TCGCCGCGGAGTAGATAAAAGGAT
187	AGGCGTGCAGCAACAGGATAAACC	GGTTTATCCTGTTGCTGCACGCCT
188	ACTCTCGAGGGAGTCTCTGGCACA	TGTGCCAGAGACTCCCTCGAGAGT
189	TTGCCAGGTCCATCGAGACCTGTT	AACAGGTCTCGATGGACCTGGCAA
190	TCCACTATAACTGCGGGTCCGTGT	ACACGGACCCGCAGTTATAGTGGA
191	GCCCAGTCGGCTCTAACAAGTTCG	CGAACTTGTTAGAGCCGACTGGGC
192	CGGAACGGATAATCGGCGTCAGGT	ACCTGACGCCGATTATCCGTTCCG
193	TAAAATAAGCGCCTGGCGGAGGA	TCCTCCCGCCAGGCGCTTATTTTA
194	GCGCACTCGTGAAACCTTTCTCGC	GCGAGAAAGGTTTCACGAGTGCGC
195	AGTTTGCCAGGTACTGGCAAGTGC	GCACTTGCCAGTACCTGGCAAACT
196	ACAACGAGGGATGTCCAGCGGCAT	ATGCCGCTGGACATCCCTCGTTGT
197	TTCGCAGCACCCGCTAGGTACAGT	ACTGTACCTAGCGGGTGCTGCGAA
198	TAACCCGATTTTTGCGACTCTGCC	GGCAGAGTCGCAAAAATCGGGTTA
199	CGTCGCATTGCAAGCGTAGGCTTG	CAAGCCTACGCTTGCAATGCGACG
200	GAGCTGACGTCACCATCAGAGGAA	TTCCTCTGATGGTGACGTCAGCTC
201	GGAGGCTGGGGGTCGCGCTTAAGT	ACTTAAGCGCGACCCCAGCCTCC
202	TTGTGGGAACCGCACTAGCTGGCT	AGCCAGCTAGTGCGGTTCCCACAA
203	CCCTCGCACTGTGTTCACCCTCTT	AAGAGGGTGAACACAGTGCGAGGG
204	TCATTGACTCGAATCCGCACAACG	CGTTGTGCGGATTCGAGTCAATGA
205	ACAGGGGTTGGCCTTCGTACGTAC	GTACGTACGAAGGCCAACCCCTGT
206	AGGCCGTGCAACATCACACAGGAT	ATCCTGTGTGATGTTGCACGGCCT
207	GGGCCGTGGTCACGTAATATTGGC	GCCAATATTACGTGACCACGGCCC
208	GCGCGGACATGAAACGACAAGGCC	GGCCTTGTCGTTTCATGTCCGCGC
209	CTTATTGGGTGCCGGTGTCGGATT	AATCCGACACCGGCACCCAATAAG
210	GGGGCGGTTACCAAAAAATCCGAT	ATCGGATTTTTTGGTAACCGCCCC



211 GCTAAAGCGTGCTCGTAACTGCC GGCAGTIACGGAGCACCAGATTAGCT 212 ATCTCATGCATCTCGGTTCGTCGT ACGACCACCAGAACCAGAATGCATGAGAT 213 ACGAAAAAAAGTGTGCGGATCCCCCT AGGGGATCCGCACACTITITTCGT 214 CCAAGTACACCGCACGCATGTTTA TAAACATGCGTGCGGTGACTTGG 215 ATCGTGCGTGGAGTGTCGCATCTA TAGATGCGACACCTCCAGCACGAT 216 TCCAGATACCGCCCCGAACTTTGA TCAAAGTTCGGGGCGGTACTTGG 217 TCTGCTGGCAGCACGTGAAGTGGC GCCACTTCACGTGCCAGCAGA 218 TTGAAATTGCTCTGCCGTCAGTCA TGAATGCGGCACAGACACTCCACGACAGA 219 AGTCAGGCGAGAGTTCA TGACTGACGGCAGAGCAATTTCAA 219 AGTCAGGCGAGAGTTCAA TGACTGACGGCAGACAATTCCA 210 ACAAGCCGACGTTAACCCCCCCCA TGACTGCCTGCACTAC 221 CCCTAATGAGGCCAGTAACCTGCA TGACTGCACACATCTCGCCTGACT 222 GTGAGACACATCCCCCTCCAATG 223 CGACGGACCATCACCTCCAATG 224 CCCGCATGCCTGCAGTGA CATTGGAGGGGATGTGTCTCAC 225 CGACGACACACACCCCCCCAATG 226 CCCGCATGCCTGCGGGTATACAA TTGTAATCACGCCCAGCATGCCCTCCAATG 227 CCCGCACACGGGTCAGCTAACAA TTGTAACACCCCCGCGGG 228 TTAGCAAAGCGGCGCCGTTAGCAA TTGCTAACGGCCCCATTCGGGC 229 CCCGACACGGGTCAGCTAATAAT ATTATTACCGCCAGCCTTTGCTAA 220 CCCGACACGGGTCAGCGTAATAAT ATTATTACCGCTCAGCGCGCTTTGCAC 221 CCCTGAAGCACACACCCCCTCCAATG 222 CCCGACACGGGTCAGCGTAATAAT ATTATTACCGTCACCCGTGTCCGG 223 CCACAGCACGCTCAGGGAATTATGCACATACCCCCGGGCACCCGTTTCGCACCCGTTCCGGCCTCGC 228 CAAAAGTGTGTTCCCTTGCGCTTTG 229 TCTCGAAGCACACGCCCGGTTATTTG 229 TCTCGAAGCACACGCCCGGTTATTTG 229 TCTCGAAGCACACGCCCGGTTATTTG 229 TCTCGAAGCACACGCCCGGTTATTTG 220 CCACGCCTTGGGCTTGGCCCATGCAGACT 231 CTTCGCGAGTGTTTGCCCCACCGGT 232 TCCCTAGGCGCTCAGGAACT 233 CCAATGCCTTTCGGCTTTG 234 AGCAGATAACCGCCGGT ACCGCGTCAGGGACA 235 CCAATGCCTTTGCGCCTTG 236 TTGCGGAGTGTTTGCGCCCAT ATGGGCCCAACGGCTTAGCAA 237 CTCCCTAGGCGCTCAGGAACC 238 TCCCTAGGCGCTCAGGAACACCCCTTTGCGCCTTGCCCAACACCTCCCGAGACACACTTATCGCT 238 TCGCTCCTAGGGAACTACCCCCACACACCCCAACACCCCAACACCCCAACACCCCAACAC		T	T
213 ACGAMAMAAGTGTGCGGGATCCCCT AGGGGATCCGCACACTTTTTTCGT 214 CCAAGTACACCGCACGCATGTTTA TAMACATGCGTGCGGTGACTTGG 215 ATCGTGCGTGGAGTGTCGCATCTA TAGATGCGACCCCACGCACGAT 216 TCCAGATACCGCCCCGAACTTTGA TAGATGCGACCCCCACGCACGAT 217 TCTGCTGGCAGCACGTGAAGTGGC GCCACTTCACGTGCCAGCACGAC 217 TCTGCTGGCAGCACGTGAAGTGGC GCCACTTCACGTGCTGCCAGCACGAC 218 TTGAAATTGCTCTGCCGTCAGTCA TCACAGTTCACGTGCTGCCAGCACGAC 219 AGTCAGGCGAGATGTTCAGGCAGC GCCACTTCACGTGCTGCCAGCACAC 219 AGTCAGGCGAGATGTTCAGGCAGC GCGCGCAGACCATTTCAA 219 AGTCAGGCGAGATGTTCAGGCAGC GCTGCCTGAACATCTCGCCTGACT 220 ACAAGCCGACGTTAAGCCCGCCCA TGGGCGGGGCTTAACGTCGGCTTGT 221 CCCTAATGAGGCCAGTAACCTGCA TGCAGGTTACTGGCCTCATTAGGC 222 GTGAGACACACACCCCCCCAATGACCTCGACTCACTCCACCCCCCAATGCACACACA	211	GCTAAAGCGTGCTCCGTAACTGCC	GGCAGTTACGGAGCACGCTTTAGC
214 CCAAGTACACCGCACGCATGTTTA 215 ATCGTGCGTGGAGTGTCGCATCTA 216 TCCAGATACCGCCCCGAACTTTGA 217 TCTGCTGGCAGCACCGCCCGAACTTTGA 218 TTGAAATTGCTCTGCCGTCAGTCA 219 AGTCAGGCAGCACTGCAACTGG 219 AGTCAGGCAGCAGTGAAACTGGC 219 AGTCAGGCAGAGTGTAAGCCGCCCAGTCAGCAGAA 219 AGTCAGGCAGAGTGTAAGCCGCCCA 210 ACAAGCCGACGTTAAGCCCGCCCA 211 TCTGCTGGCAGCAGTGAACTGGC 212 ACAAGCCGACGTTAAGCCCGCCCA 213 TTGAAATTGCTCTGCCGTCAGTCA 214 ACCAGCCGACGTTAAGCCCGCCCA 215 TTGACATTAGCTCTGCCTTCAGTCA 217 TCTGCTGGCAGCAGTTTACGCCGCCA 218 TTGAAATTGCTCTGCCGTCAGTCA 219 AGTCAGGCGAGATGTTCAGGCAGC 210 ACAAGCCGACGTTAAGCCCGCCCA 211 CCCTAATGAGGCCAGCCCA 212 CCCTAATGAGGCCAGCCCA 213 CGACGGATGCAGAGTTCAGTGGTC 224 CCCGCATGCCTGGCGGTATTACAA 225 CCACGCATGCCTGCAGTGTC 226 CCCGCATGCCTGGCGGTATTACAA 227 TTGACAAAGCGGCGCCGTTAGCAA 228 CCCGACACGGGTCAGCAGTAACAT 229 TCTCGAAGCACCAGTCAGCAA 220 CCCGACACGGGTCAGCAGAA 221 CCCGACACGGGTCAGCAGTAATAAT 222 TCTCGAAGCACCAGCCCGGTTATCCA 223 CAACAGTGTTCCCTTCCGCTTG 224 CCCGACACGGGTCAGCAGTAATAAT 225 TTAGCAAAGCGCCCGGTTATCAA 226 CCCGACACGGGTCAGCAGTAATAAT 227 TCTCGAACCAGTTGCGCTTG 228 CAAAAGTGTGTTCCCTTCCGCTTG 229 TCTCGAAGCACCAGCCCGGTTATTG 229 TCTCGAAGCACCAGCCCGGTTATTG 230 ATGCTAACCGTTGGCCCAGGGAACCACCTTTTG 231 CTTGCGGAGTGTTAGCCCAGCGGT 232 TGCTCCCTAGGGGCTGGAACACCCGGTTAGCAA 233 CCAATGCCTTTGAGTAACCCCAGCGGT 234 AGCAGATAACCTTGAGCAGCACCGGTTAGCAA 235 TTGACCATTACGTGTTGCGCCCAT 236 TCGCTCCTAGGCGCTCGAAGCAGCC 237 CCGCGGTATTGCGGAATTCGTCT 238 TCGCCCCTAGGGAATCACCCACGCGT 239 CCCCGGAGTTACCAATGCCCCACGCGT 230 ATGCCTTTGAGTAACCCCACCGCGT 231 CTGCGGGAATTACGTGTTGCGCCCAT 232 CCACGGGTTATTGCGGCCCAT 233 CCAATGCCTTTGAGTAACCCCACGCGT 234 AGCAGATAACGTCCCAATGACCC 235 TTGACCATTACGTGTTGCGCCCAT 236 TCGCGGAATTACGTGTTGCGCCCAT 237 CTGCGGTGTCAACAATGTCCCCACG 238 TCGGGGCAATTACGTGTGCCCACGC 239 CCCGGGAGGACCACACGTAATACGCCA 239 CCCGGGGAATTACGGCC 230 TTTCCGGGAGGTCACCGG 231 TCTGCTGGGCCCACACACACGTAATACGCCAAATACCCCAAATACCCCAAATACCCCAAATACCCCAAACACGTTTTCTGCTTCCCGCAAGCCCCACAAAAAA 241 TCGGGGAGTTACCGCGGGCTCACGG 242 CCACACGGAACACGCAACACGTCCTTG 243 GCACACCCCCCACAAAGGCTTTTCC 244 ATTCGACCGGAAATACGGCTTTCCCGAGT 245 TCCCCTTTCCCGGATT	212	ATCTCATGCATCTCGGTTCGTCGT	ACGACGAACCGAGATGCATGAGAT
215 ATCGTGCGTGGAGTGTCGCATCTA 216 TCCAGATACCGCCCCGAACTTTGA 217 TCTGCTGGCAGCACCTCAGTCA 217 TCTGCTGGCAGCACGTGAAGTGGC 218 TTGAAATTGCTCTCCGCTCAGTCA 219 AGTCAGCGAGAGTGTCAGCGC 219 AGTCAGCCGAGAGTTTCAGCAGC 219 AGTCAGCCGAGAGTTTCAGCAGC 210 ACAAGCCGACGTTAAGCCCGCCCA 219 AGTCAGCCGACGTTAAGCCCGCCCA 210 ACAAGCCGACGTTAAGCCCGCCCA 210 ACAAGCCGACGTTAAGCCCGCCCA 211 CCCTAATGAGGCCAGCCCCA 212 CCCTAATGAGGCCAGCCCCA 213 CGACGGATGCCTGCA 220 CGACGGATGCCTGCATCCCTCCAATG 221 CCCCTAATGAGGCCCGCCA 222 GTGAGACACACCCCCTCCAATG 222 GTGAGACACCATCCCCTCCAATG 223 CGACGGATGCAGGGTTAACACTCGCTGCATCCGCTCGC 224 CCCGCATGCCTGGCGGTATTACAA 225 TTAGCAAAGCGGCCCGTTAGCAA 226 CCCGACACGGGTCAGCAAA 227 TTAGCAAAGCGGCCCGTTAGCAA 228 CACACGGGTCAGCGTAATAAT 229 TCTCGAACGGCCCCTTAGCAA 229 TCTCGAAGCACAGCCCGGTTATTC 229 TCTCGAAGCACAGCCCGGTTATTC 229 TCTCGAAGCACAGCCCGGTTATTC 230 ATGCTAACCGTTGCGCTTG 231 CTTGCGGATGTTGCCCATGGAACT 231 CTTGCGGATGTAGCCCATGGAACT 231 CTTGCGGAGTTACCCCAGCGGT 232 TGCTCCCTAGGCGCTCGGAGGAT 233 CCAATGCCTTTGCGCTTG 234 AGCAGATACCTTGGGCTCGGAGGAG 235 TGGTCCCTAGGGCTCGGAGGAGT 236 TCGCGCACTGGGAACT 237 CTGCGGGCTCGGAAGGAGT 238 TCGCTCCCTAGGCGCTCGGAAGGAGCACCCCGTTACCACTCCGCAAG 239 CCACTGCCTTTGCGCCATGCACCC 239 TCGCGCATTTGCGCCATGGAACT 230 TTGCGGAGTTTTGCGCCATGGAACT 231 CTTGCGGAGTTTACCCCAGCGGT 232 TGCTCCCTAGGCGCTCGGAAGGAGT 233 CCAATGCCTTTGCGCCATGGAACT 234 AGCAGATAACGTCCCAATGACGCC 235 TTGACCATTACGTGTTGCGCCCAT 236 TCGCGCTTTGCGAATTCGTCT 237 CTGCGGGAATTACGTCTCGCAAGCCCCGCAAGCACACGTTACCGCAAG 237 CTGCGGGAATTTCCGCAAGCCC 238 TCGGCGCACACACGTTACCCCAAGCCCAAGCCCTTGCGAAATACCGCAA 239 CTCCGGGAAGTTTCGCCCACG 239 CTCCGGGAAGTCACAATTCCTCCCAAG 231 CTGCGGCAACACACGTTTACTTCCCACAG 232 CTGCCGTTCACAAATTCCTCTCC 235 TTGACCATTTCGGGCCAT 236 TCGGCGAACACACGTTACTCCCCAAG 237 CTGCGGTTCAACAATTCCTCTC 236 TTGACCATTTCGGGCCAT 237 CTGCGGGAATTCCGCAAGCCCCAAGCCTTTGCTCCGGAGCAACACGTATTTGCCCCAAGCCCCAAGCCTTTGCCGCAAGCCCCAAGACCTTTTTTTT	213	ACGAAAAAGTGTGCGGATCCCCT	AGGGGATCCGCACACTTTTTCGT
TCAGATACCGCCCGAACTITGA TCAGATACCGCCCCGAACTITGA TCTGCTGGCAGCACGTGAAGTGGC GCCACTTCACGTGCTGCCAGCAGA TGACTGACGGCAGCACAGTAAGTCGC GCACTTCACGTGCTGCCAGCAGA TGACTGACGGCAGAGCAATTTCAA TGACAGCCGACGATTCAGGCCAGC CTGCCTGAACATCTCCGCCTCAGTCA TGACTGACGGCAGAGCCAATTTCAA TGACAGCCGACCATTAAGCCCGCCCA TGGCCGGCTTAACGTCCGCCTGACTT CCCTAATGAGGCCAGTAACCTGCA TGACGTTACTGCCCTCCATTG CCCTAATGAGGCCAGTAACCTGCA TGACGGTTACTGGCCTCATTTAGGC TGCAGGTTACTGGCCTCATTTAGGC TGCAGGTTACTGGCCTCATTTAGGC TGCAGGTTACTGGCCTCATTTAGGC TGCAGGTTACCGCCCA TGCAGGGAACACCACCTCCCATTG CATTGGAGGGGATTGTGTCTCAC CCCGCATGCCTGGCGGTATTACAA TTGTAATACCGCCAGGCATGCCGGG TTAGCAAAGCGGCCGCTTAGCAA TTGCTAACGGCGCCGCTTTGCTAA TTGTAATACCGCCAGGCATGCCGG TGCACAGCGGCCCTGAGGTATTACAA TTGTAATACCGCCAGGCATTGCAA TTGCTAACGGCGCCGCTTTGCTAA TTGTAATACCGCCAGGCATTGCAA TTGCTAACGGCCCCGTTTGCTAA TTGTAATACCGCCAGGCATTGCAA TTGCTAACGGCCCCGTTTGCTAA TTTATTACGCTGACCCGTTTCGCACTTGCACACCCGTTTCGCACCCGTTTCGCGG TCTCGAAGCACAGCCCGGTTATTGCACACACCCCGTTTTGCAACACCCCTTTTGCACACACCCCCTGCCCCCCCC	214	CCAAGTACACCGCACGCATGTTTA	TAAACATGCGTGCGGTGTACTTGG
217 TCTGCTGCAGCACGTGAAGTGGC 218 TTGAAATTGCTCTGCCGTCAGTCA 219 AGTCAGGCAGAGTTTCAGGCAGC 219 AGTCAGGCGAGATGTTCAGGCAGC 210 ACAAGCCGACGTTAAGCCCGCCCA 220 ACAAGCCGACGTTAAGCCCGCCCA 221 CCCTAATGAGGCCAGTAACCTGCA 222 GTGAGACACACCCCCA 223 CGACGGATGTCCAATG 224 CCCGCATGCCTGAGTTACCTCCAATG 225 CGACGGATGCAGAGTTTACAA 226 CCCGCATGCCTGGAGTTTACAA 227 CCCGCATGCCTGGCGGTATTACAA 228 CCCGCATGCCTGGCGGTATTACAA 229 TTAGCAAAGCGGCGCCGTTAGCAA 220 CCCGCATGCCTGGCGGTATTACAA 221 TTAGCAAAGCGGCGCCGTTAGCAA 222 CCCGCACGGGTCAGCGTAATAAT 223 CCCGCACGGGTCAGCGTAATAAT 224 CCCGCACGGGTCAGCGTAATAAT 225 CCCGACACGGGTCAGCGTAATAAT 226 CCCGACACGGGTCAGCGTAATAAT 227 CCCGACACGGGTCAGCGTAATAAT 228 CAAAAGTGTTCCCTTGCGCTTG 229 TCTCGAAGCACCCCGGTTATTG 229 TCTCGAAGCACCCCGGTTATTG 229 TCTCGAAGCACCCCGGTTATTG 230 ATGCTTACCGTTGGCCATGGAACT 231 CTTGCGGAGTGTTAGCCCAGCGGT 232 TGCTCCCTAGGCGCTCGGAGGAGT 233 CCAATGCCTTTGAGTAAGCGAACT 234 AGCACATACCTCCGCAGG 235 TGCTCCCTAGGCGCTCGGAGGAGT 236 CCAATGCCTTTGAGTAAGCGATGG 237 CCAATGCCTTTGAGTAAGCGATGG 238 TCGCCCTAGGGAGTTGCCCAATGACGCC 238 TCGCGCTATGCGCAATGACGCC 238 TCGCGTGTTTGCGCCAAT 239 CTCCGGGAGGTCACCCAATGACGCC 239 CTCCGGGGAGGTCACCAATACCCCGAACACCCTTACCCCAAG 237 CTGCGTTTCACAAATGGCCCAA 238 TCTGGTCCAAAAATCGTCCCCAAT 239 CTCCGGGAGGTCACACACCTTAATTCGCC 238 TCTGCGTGCAAAAATCGTCCCCAAT 239 CTCCGGGGAGGTCACACACCTTAATTCGCC 230 TCTGCGTGTCAACAACTGCCCCAA 231 CTGCGTGTCAACAACTCCCGCAG 232 TCTGCGTGCAACAACACTTAATTCGCC 233 TCTGCGTGCAACAACACTTAATTCGCC 234 AGCACAATAACGTCCCCAATGACCCC 236 CCGCGAATTAATGCGCAAATACCCCAACACCCTTACTCCCGAAC 237 CTGCGTGTCAACAACTTCCTCCCAAC 238 TCTGCTGCAACAACACTTAATTCGCC 239 CTCCGGGGAGGTCACTTAATTCCCCCAAC 231 CTGCGTGTCAACAACACCGTCCTTC CAAGACCAATTAACTGCCCAAC 231 CTGCGTGTCAACAACACCGTCCTTC CAAGACCAATTAACTGCCCAACACCCAACACCCAACACCCAACACCCAACACCCAACAC	215	ATCGTGCGTGGAGTGTCGCATCTA	TAGATGCGACACTCCACGCACGAT
TIGACTACCGCTCAGTCA TIGACTGCGCAGAGCAATTTCAA TIGACTGACGCAGAGCAATTTCAA TIGACTGACGCAGAGCAATTTCAA TIGACTGACGCAGAGCAATTTCAA TIGACTGACGCAGAGCAATTTCAACCCTGACT TIGACTGACACATCTCGCCTGACT TIGACTGACACATCTCGCCTGACT TIGACTGACACATCTCCCTCAATGCACCTCCAATGCACTTCAGGCCTTCATTAGGGCAGACACACAC	216	TCCAGATACCGCCCGAACTTTGA	TCAAAGTTCGGGGCGGTATCTGGA
219 AGTCAGGCGAGATGTTCAGGCAGC GCTGCCTGACACATCTCGCCTGACT 220 ACAAGCCGACGTTAAGCCCGCCCA TGGGCGGGCTTAACGTCGGCTTGT 221 CCCTAATGAGGCCAGTAACCTGCA TGCAGGTTACTGGCCTCATTAGGG 222 GTGAGACACACATCCCCTCCAATG CATTGGAGGGATTGTGTCTCAC 223 CGACGGATGCAGAGTTCAGTGGTC GACCACTGAACTCTGCATCCGTCG 224 CCCGCATGCCTGGCGGTATTACAA TTGTAATACCGCCAGGCATGCGGG 225 TTAGCAAAGCGGCGCCGTTAGCAA TTGCTAACGGCGCCGCGTTTGCTAA 226 CCCGACACGGGTCAGCGTAATAAT ATTATTACGCTGACCCGTCGGCGCCCCCGTCGCGCCCCCGCCCCCCCC	217	TCTGCTGGCAGCACGTGAAGTGGC	GCCACTTCACGTGCTGCCAGCAGA
220 ACAAGCCGACGTTAAGCCCGCCCA 221 CCCTAATGAGGCCAGTAACCTGCA 222 GTGAGACACACATCCCCTCCAATG 223 CGACGGATGCAGAGTTCAGTGGTC 224 CCCGCATGCCTGGAGGTTCAGTGGTC 225 GTGAGACACACATCCCCTCCAATG 226 CCCGCATGCCTGGCGGTATTACAA 227 TTGGCAGACCCTCGAGGTC 227 TTAGCAAAGCGGCGCCGTTAGCAA 228 CCCGACACGGGTCAGCAATAAT 229 CCCGACACGGGTCAGCAATAAT 220 CCCGACACGGGTCAGCAATAAT 221 TTAGCACAGGCCCCGTTAGCAA 222 CCCGACACGGGTCAGCGTAATAAT 223 CAACAGTGTTCCCTTGCGCTTG 224 CCCGACACGGGTCAGCGTAATAAT 225 CCACACGGCCCTGAGGTATTGCTC 226 CCACACGGCCCTGAGGTATGTCGTC 227 GCGACGGCCCTGAGGTATGTCGTC 228 CAACAGTGTTCCCTTGCGCTTG 229 TCTCGAAGCACACCCCGGTTATTG 229 TCTCGAAGCACACCCCGGTTATTG 230 ATGCTAACCGTTGGCCATTGGACAT 231 CTTGCGGAGTGTTAGCCCACCGGT 232 TGCTCCCTAGGCCATGGACAT 232 TGCTCCCTAGGCGCACGGTAGCACCCGGT 233 CCAATGCCTTTGAGTAACCGATGG 234 AGCAGATAACGTCCCAATGAACC 235 TTGACCATTACGTGTTGCGCCAT 236 TCGCGTATTTGCGGCATTGCCCATTACTCAAAGGCATTACTCGCT 237 CTGCGTGTCAACAATTCGTCTC 238 TCTCGCGAATTTCGCGCAT 239 CTCCCGGAGGTATTCGCCCAT 230 CTGCGTGTCAACAATGTCCCCAATGACCC 231 CTGCGGAATTTTGCGGCCAT 232 CTGCGTGTCAACAATGTCCCCAATGACCC 233 TCTGCGCAATTACGGGAATTCGTCT 234 AGCAGATTTTGCGGAATTTCGTCT 235 CTGCGTGTCAACAATGTCCCGCAG 236 TCGCGTATTTGCGGAATTCGTCT 237 CTGCGTGCAACAATGTCCCGCAG 238 TCTGCGTGCAACAATGTCCCGCAG 239 CTCCGGGAGGTCACTTAATTGCGG 240 TTTTCGTGATTGCCCGGAGGGC 240 CTCCGGGAGGTCACTTAATTGCGG 241 CCGGGAACCTCCCGGAG 242 CCACGCAACGCAAACACGTCCTTG 243 GCAAAGCCTTTGTGGGGCCTACG 244 CCGCGCAACACGCAAACACGTCCTTG 245 CCGCAATTAACTGCCCGAA 246 CCGCTGAAGACCCCATTCCCGAGT 247 AACCGTTTCCGGAGTACCCCATTCCCGAGT 247 AACCGTATTCCGCGGTCACTTTCCCGAGT 247 AACCGTATTCCGCGGTCACTTTGTGGC 247 AACCGTATTCCGCGTCACTTTCCCGAGT 247 AACCGTATTCCGGGTCACTTTGTGGC 247 AACCGTATTCCGCGGTCACTTTGTGGC 247 AACCGTATTCCCGGAGTCACTTTGTGGC 247 AACCGTATTCCCGGGTCACTTTGTGGC 247 AACCGTA	218	TTGAAATTGCTCTGCCGTCAGTCA	TGACTGACGGCAGAGCAATTTCAA
221 CCCTAATGAGGCCAGTAACCTGCA 222 GTGAGACACACTCCCCTCCAATG 223 CGACGGATGCAGAGTTCAGTGGTC 224 CCCGCATGCCTGGCGGTATTACAA 225 TTAGCAAAGCGGCGCCGTTAGCAA 226 CCCGCACGGCGCCGTTAGCAA 227 GCGACGGCCCGTTAGCAA 228 CCCGCACGGCGCCGTTAGCAA 229 TTAGCAAAGCGGCGCCGTTAGCAA 220 CCCGACACGGGTATTACAA 220 CCCGACACGGGTCAGCGTAATAAT 221 GCGACGGCCCTGAGGTATGTCGTC 222 GCGACGGCCCTGAGGTATGTCGTC 223 CAAAAGTGTGTTCCCTTGCGCTTG 224 CAAAAGTGTGTTCCCTTGCGCTTG 225 CAAAAAGTGTGTTCCCTTGCGCTTG 226 CAAAAAGTGTGTTCCCTTGCGCTTG 227 GCGACGGCCCTGAGGTATATAT 228 CAAAAAGTGTGTTCCCTTGCGCTTG 229 TCTCGAAGCACAGCCCGGTTATTG 230 ATGCTAACCGTTGGCCATGGAACT 231 CTTGCGGAGGTATGCCCAGCGGT 232 TGCTCCCTAGGCGTTAGCCAA 233 CCAATGCCTTTGAGCCAGCGGT 234 AGCAGATAACGTCCCAATGACGCC 235 TGCTCCCTAGGCGATGACACT 236 TGCCCCTAGGCATGCCCAATGACGCC 237 CCACTGCTTACCACATGACGCC 238 TCTGCGTTACACATGCCCAATGACCC 239 CTCCGGGAGGTCACACTGCCAA 239 CTCCGGGAGGTCACACTGCCAAG 239 CTCCGGGAGGTCACACTTGCCCAAG 239 CTCCGGGAGGTCACACTTAATTGCGG 240 TTTTCGTGATTGCCCGCAG 241 CCGGGATGTAGCCCGGAGGAGC 242 CGAGCCAACGCAAACACGTCCTTG 243 GCAAAGCCTTTGTGGGGCCACCG 244 TCGGGATGTAGCCCGGAGGAGC 245 CGAGCCAACGCAAACACGTCCTTG 246 CGCGTGAAGAACCCCATTCCCGAGC 247 AACCGTATTCGCGGAGTTACCCGAGT 247 AACCGTATTCGCGGTCACTTCCCGAGT 247 AACCGTATTCGCGGTCACTTTCCCGAGT 247 AACCGTATTCGCGGGTCACTTTCCCGAGT 247 AACCGTATTCGCGGAATTCCCCGAGT 247 AACCGTATTCGCGGTCACTTTCCCGAGT 247 AACCGTATTCGCGGTCACTTTCCCGAGT 247 AACCGTATTCGCGGAGTAGT 247 AACCGTATTCGCGGTCACTTTCCCGAGT 247 AACCGTATTCGCGGTCACTTTCCCGAGT 247 AACCGTATTCGCGGGTCACTTTCCCGAGT 247 AACCGTATTCGCGGTCACTTTCCCGAGT 247 AACCGTATTCGCGGGTCACTTTCCCGAGT 247 AACCGTATTCGCGGTCACTTTCCCGAGT 247 AACCGTATTCGCGGTCACTTTCCGAGT 247 AACCGTATTCGCGGTCACTTTCCGAGT 247 AACCGTATTCGCGGTCACTTTTCCGAGT 247 AACCGTATTCGCGGTCACTTTTCCGAGT 247 AACCGTATTCGCGGTCACTTTTCCGAGT 247 AAC	219	AGTCAGGCGAGATGTTCAGGCAGC	GCTGCCTGAACATCTCGCCTGACT
222 GTGAGACACACTCCCTCCAATG 223 CGACGGATGCAGAGTTCAGTGGTC 224 CCCGCATGCCTGGCGGTATTACAA TTGTAATACCGCCAGGCATGCGGG 225 TTAGCAAAGCGGCGCGCTTAGCAA TTGCTAACGCCCGGGCCGCTTTGCTAA 226 CCCGACACGGGTCAGCGTAATAAT ATTATTACGCTGACCCGTGTCGGG 227 GCGACGGCCCTGAGGTATGTCGTC GACGACACCCGTGTCGGG 228 CAAAAGTGTGTTCCCTTGCGCTTG CAAGCGACACACCACTTTTG 229 TCTCGAAGCACAGCCCGGTTATTG CAATAACCGGGCCAACACACTTTTG 230 ATGCTAACCGTTGGCCATGGAACT AGTTCCATGGGCCAACACACTTTTG 231 CTTGCGGAGTTAGCCCAGCGGT ACCCCTCGAGACACACCTCCGCAAG 232 TGCTCCCTAGGCCATGGAACT AGTTCCATGGCCAACGCCAAG 233 CCAATGCCTTTGAGCAAGACACACCCCGGTTAGCAC 234 AGCAGATAACCGTCGAAGGAAT ACCCCCGAGGCCAACACCTCCGCAAG 235 TTGACCATTACGTAGAGCACACCCCATGACACCCCAAGACACACTTTGCCCAAGACACACAC	220	ACAAGCCGACGTTAAGCCCGCCCA	TGGGCGGCTTAACGTCGGCTTGT
CGACGGATGCAGAGTTCAGTGGTC 224 CCCGCATGCCTGGCGGTATTACAA TIGTAATACCGCCAGGCATGCGGG 225 TTAGCAAAGCGGCGCCGTTAGCAA TTGCTAACGGCGCCGCTTTGCTAA 226 CCCGACACGGGTCAGCGTAATAAT ATTATTACGCTGACCCGTTCGGG 227 GCGACGGCCCTGAGGTATGCTC 228 CAAAAGTGTGTTCCCTTGCGCTTG 229 TCTCGAAGCACAGCCCGGTTATTG 230 ATGCTAACCGTTGGCCATGAACC 231 CTTGCGGAGTTAGCCAA 232 TGCTCCCTAGGCGTCAGGAACT 233 CCAATGCCTTTGAGCACCAGGGCCAACGGTTAGCAT 234 AGCAGAATACCTCAGGGCCCAACGGTTAGCAT 235 TTGACCATTGAGCCCAGCGGT 236 CCAATGCCTTTGAGTAAGCGACT 237 CTGCGGAGTGTTAGCCCAGCGGT 238 TCGCCCTAGGCGCTCGAAGAGC 239 CCAATGCCTTTGAGTAAGCGCC 236 TCGCGTATTTGCGCCAATGACCC 237 CTGCGTGTCAACAATGTCCCCAATGACGCC 238 TCGCGCTATTTGCGGAATTCGTCTG 238 TCTGGTGCCACGCAATGACCCAGCGAG 239 CTCCGGGAGGTCACAATGACCCAGCAGACCTTTGGACAACACCCCGCAGAG 239 CTCCGGGAGGTCACTTAATTGCGG 240 TTTTCGTGATTGCCCGGAGGAGC 241 TCGGGATGTAGCCCGGGAGGAGC 242 CGAGCCAACACGTAACACCCCAGCAGACCCCAGCAACACCTACCCCCAACACCCAGACCCAGACCCAGACCCAGACCCAGACCCAGACACCAGAACACCCCAGACCCAGACCCAGACCCAGACCCCAGACACCAGAACACCAGAACACCAGAACACCAGAACACCAGAACACCAGAACACCAGAACACCAGAACACCAGACCCAGACCCAGACCCAGACCCAGACCCCAGACCCCAGACCCCAGACCCCAGACACCAGACCCCAGACCCCAGACCCCAGACACCAGACACCAGAACACCAGAACACCAGACCCCAGACCCCCACACACCCCCC	221	CCCTAATGAGGCCAGTAACCTGCA	TGCAGGTTACTGGCCTCATTAGGG
224 CCCGCATGCCTGGCGGTATTACAA TTGTAATACCGCCAGGCATGCGGG 225 TTAGCAAAGCGGCGCCGTTAGCAA TTGCTAACGGCGCCGCTTTGCTAA 226 CCCGACACGGGTCAGCGTAATAAT ATTATTACGCTGACCCGTGTCGGG 227 GCGACGGCCCTGAGGTATGTCGTC GACGACATACCTCAGGGCCGTCGC 228 CAAAAGTGTGTCCCTTGCGCTTG CAAGCGCAAGGGAACACACTTTTG 229 TCTCGAAGCACAGCCCGGTTATTG CAATAACCGGGCTGTCTCGAGA 230 ATGCTAACCGTTGGCCATGGAACT AGTTCCATGGCCAACGGTTAGCAT 231 CTTGCGGAGTGTTAGCCCAGCGGT ACCGCTGGCCAACGGTTAGCAT 232 TGCTCCCTAGGCGCTCGGAGGAGT ACCGCTGGGCTAACACTCCGCAAG 233 CCAATGCCTTTGAGTAAGCGATGG CCATCGCTTACTCAAAGGCATTGG 234 AGCAGATAACGTCCCAATGACGCC GGCGTCATTGGGACGTTATCTGCT 235 TTGACCATTACGTGTTGCGCCCAT ATGGGCGCAACACGTTATCTGCT 236 TCGCGTATTTGCGGAATTCGTCTG CAGACGAATTCCGCAAATACGCGA 237 CTGCGTGTCAACAATGTCCCGCAG CTGCGGGACATTGTTGACACGCAG 238 TCTGGTGCCACGCAAGGTCCACAG CTGCGGGACATTGTTGACACGCAG 239 CTCCGGGAGGTCACTTAATTGCGG CCGCAATTAAGTGACCTCCCGAG 240 TTTTCGTGATTGCCCGGAGGAGC CCGCAATTAAGTGACCTCCCGAAG 241 TCGGGATGTAGCTCGGGGCTACCGG CCGCAATTAAGTGACCTCCCGAAC 242 CGAGCCAACGCAACACGTACCGG CCGCGTAGCCCCAGCAACACACAAAA 241 TCGGGATGTAGCTGGGGCTACCGG CCGCGTAGCCCCAACACCGAAAA 241 TCGGGATGTAGCTGGGGCTACCGG CCGCGAATTAAGTGACCTCCCGA 242 CGAGCCAACGCAAACACGTCCTTG CAAGGACCTTCCCGGACAAAA 241 TCGGGATGTAGCTGGGGGCTACCGG CCGGTAGCCCCAACAACACGTAATCCCCAA 242 CGAGCCAACGCAAACACGTCCTTG CAAGGACCTTTTGCGTTGGCTCG 243 GCAAAGCCTTTGTGGGGCGGTAGT ACTACCGCCCCACAAAGGCTTTGC 244 ATTCGACCGGAAATGAGGTCTTCG CAAGGACCTCATTTCCGGTCGAAT 245 TTCGCTTGCTGAGTTGCTCTTGT GAACAAGCCAACCGAAA 246 CGCGTGAAGACCCCATTCCCGAGT ACTCCGGGAATACCGAAACCGTACATCCCGAACACACGAAATACGGCAACCCCAACACGCAAATACCGCAACCAAC	222	GTGAGACACACCCCCCCCAATG	CATTGGAGGGGATGTGTCTCAC
TTAGCAAAGCGGCGCCGTTAGCAA 226 CCCGACACGGGTCAGCGTAATAAT 227 GCGACGGCCCTGAGGTATAAT 228 CCCGACACGGGTCAGCGTAATAAT 229 GCGACGGCCCTGAGGTATGTCGTC 228 CAAAAGTGTGTTCCCTTGCGCTTG 229 TCTCGAAGCACAGCCCGGTTATTG 229 TCTCGAAGCACAGCCCGGTTATTG 230 ATGCTAACCGTTGGCCATGGAACT 231 CTTGCGGAGGTGTTAGCCCAGCGGT 232 TGCTCCCTAGGCGCTCGGAGGAGT 233 CCAATGCCTTTGAGTAAGCGAGGGAGT 234 AGCAGATAACGTCCCAATGACGC 235 TTGACCATTTAGGTAAGCGATGG 236 CCGCTGAGTATTCGCCAT 237 CTGCGGAGTATCCCCAATGACGC 238 TCGCGTATTTGCGGAATTCGTCT 238 TCGGGTATTTGCGGAATTCGTCTG 239 CTCCGGGAGGTCCCAATGACCC 238 TCTGGTGCCACACAATGTCCCGCAG 239 CTCCGGGAGGTCACTTAATTGCGG 240 TTTTCGTGATTGCCCGAGGAGC 241 TCGGGATTAGCTGGGGCTACACCGC 242 CGAGCCAACGCAACACGTAACACCCCAACACCTACACCCCAACACCACACACA	223	CGACGGATGCAGAGTTCAGTGGTC	GACCACTGAACTCTGCATCCGTCG
226 CCCGACACGGGTCAGCGTAATAAT ATTATTACGCTGACCCGTGTCGGG 227 GCGACGGCCCTGAGGTATGTCGTC GACGACATACCTCAGGGCCGTCGC 228 CAAAAGTGTTCCCTTGCGCTTG CAAGCGCAAGGGAACACACTTTTG 229 TCTCGAAGCACAGCCCGGTTATTG CAATAACCGGGCTGTGCTTCGAGA 230 ATGCTAACCGTTGGCCATGGAACT AGTTCCATGGCCAACGGTTAGCAT 231 CTTGCGGAGTGTTAGCCCAGCGGT ACCGCTGAGCACACGTTAGCAT 232 TGCTCCCTAGGCGCTCGGAGGAGT ACCGCTGGGCCTAGGGAGCA 233 CCAATGCCTTTGAGTAAGCGAGGG CCATCGGAGCGCTAAGGAGCA 234 AGCAGATAACGTCCCAATGACGCC GGCGTCATACTCAAAGGCATTGG 235 TTGACCATTACGTGTTGCGCCCAT ATGGGCGCAACACTTAGTCTAA 236 TCGCGTATTTGCGGAATTCGTCTG CAGACGAATTCCGCAAATACGCGA 237 CTGCGTGCAACAATGTCCCCAAG CTGCGGGACATTGTTGACACACGCAG 238 TCTGGTGCAACAATGTCCCGCAG CTGCGGGACATTGTTGACACGCAG 239 CTCCGGGAGGTCCACAG CTGTGGACCTTGCGTGGCACCAGA 240 TTTTCGTGATTGCCGGAGGAGGC GCCTCCTCCGGGGCAATCACGAAAA 241 TCGGGATGTAGCTGGGGCTACCGG CCGCAATTAAGTTGCCCGAA 242 CGAGCCAACGCTACATCCCGA CCGCAATTACGTTGCGTTG	224	CCCGCATGCCTGGCGGTATTACAA	TTGTAATACCGCCAGGCATGCGGG
227 GCGACGGCCTGAGGTATGTCGTC GACGACATACCTCAGGGCCGTCGC 228 CAAAAGTGTGTTCCCTTGCGCTTG CAAGCGCAAGGGAACACACTTTTG 229 TCTCGAAGCACAGCCCGGTTATTG CAATAACCGGGCTGTGCTTCGAGA 230 ATGCTAACCGTTGGCCATGGAACT AGTTCCATGGCCAACGGTTAGCAT 231 CTTGCGGAGTGTTAGCCCAGCGGT ACCGCTGACCACCGGTTAGCAT 232 TGCTCCCTAGGCGCTCGGAGGAGT ACCGCTGGGCTAACACTCCGCAAG 233 CCAATGCCTTTGAGTAAGCGATGG CCATCGCTTACTCAAAGGCATTGG 234 AGCAGATAACGTCCCAATGACGCC GGCGTCATTGGGACGTTATCTGCT 235 TTGACCATTACGTGTTGCGCCCAT ATGGGCGCAACACGTAATGGTCAA 236 TCGCGTATTTGCGGAATTCGTCTG CAGACGAATTCCGCAAATACGCGA 237 CTGCGTGTCAACAATGTCCCGCAG CTGCGGGACATTGTTGACACGCAG 238 TCTGGTGCCACGCAAGGTCCACAG CTGTGGACCTTTGCGTGGCACCAGA 239 CTCCGGGAGGTCACTTAATTGCGG CCGCAATTAAGTGACCTCCCGGAG 240 TTTTCGTGATTGCCCGGAGGAGGC GCCTCCTCCGGGCAATCACGCAAAA 241 TCGGGATGTAGCTGGGGCTACCGG CCGGTAGCCCCAGCAACACGTACCCCGA 242 CGAGCCAACGCAAACACGTCCTTG CAAGGACGTTTTGCGTTGGCTCG 243 GCAAAGCCTTTGTGGGGCGTACT ACTCCCGA 244 ATTCGACCGGAAAACACGTCCTTG CAAGGACCTTTCCGTTGGCTCG 245 TCGCTTGCTGAGAAAACACGTCCTTG CAAGAACCTTTCCCGAAT 246 CGCGTGAAGAACACGTCCTTC CAAGAACCTCCTCAGCAACACCGAATTCCCCGAATTCCCCGAATTCCCCGAATTCCCCGAATTCCCCGAATTCCCCGAATTCCCCGAATTCCCCGAATTCCCCGAATTCCCCGAATTCCCCGAATTCCCCGAATTCCCCGAATTCCCCGAAAACACCTTTCCCGAAAAACCGTCCTTTGCAACAACCCCCCCC	225	TTAGCAAAGCGGCGCCGTTAGCAA	TTGCTAACGGCGCCGCTTTGCTAA
228 CAAAAGTGTGTTCCCTTGCGCTTG 229 TCTCGAAGCACAGCCCGGTTATTG 230 ATGCTAACCGTTGGCCATGGAACT 231 CTTGCGAGGTTAGCCCAGCGGT 232 TGCTCCCTAGGCGCTCGGAGGAGT 232 TGCTCCCTAGGCGCTCGGAGGAGT 233 CCAATGCCTTTGAGTAAGCGATGG 234 AGCAGATAACGTCCCAATGACGC 235 TTGACCATTAGGTAAGCGCC 236 TCGCGTATTGCGCCCAT 237 CTGCGGTGTTACCCCAATGACGC 238 TCGCGTATTGCGCCCAT 239 TGCCCATAGGTGCCCAATGACGC 230 TCGCGTATTTGCGGCCCAT 231 CTGCGGTATTTGCGGCCCAT 232 TGCCCATTACGTGTTCCGCCCAT 233 CCAATGCCTTTACTCAAAGGCATTGG 234 AGCAGATAACGTCCCAATGACGC 235 TTGACCATTACGTGTTCCGCCCAT 236 TCGCGTATTTGCGGAATTCGTCTG 237 CTGCGTGTCAACAATGTCCCGCAG 238 TCTGCGTGCACACACTTACTTGCGC 238 TCTGGTGCCACGCAAGGTCCACAG 239 CTCCGGGAGGTCACTTAATTGCGG 240 TTTTCGTGATTGCCCGGAGGAGGC 240 TTTTCGTGATTGCCCGGAGGAGGC 241 TCGGGATGTAGCTGGGGCTACCGG 242 CGAGCCAACACGTACATCCCGA 243 GCAAAGCCTTTGTGGGGCGGTAGT 244 ATTCGACCGGAAACACGTCCTTG 245 TCGCTTGCTGAGTTGCTCCGAATACGCCCCACAAAGGCTTTGC 246 CGCGTGAAGAACCCCATTCCCGAGT 247 AACCGTATTCCCGAGTACCCCGAGTACCCCGCAAAACCGAAACCCGAAACCCGAAACCCGAAACCCGAAACCCCCAAACCCGAAACCCCCAAACCCGAAACCCCCAAAACCCGAAACCCGCCCCACAAAGCCTTTGCCGAATCACCGAAACACCGTCCTTGCAAGAACACCGTCCTTGCAAGAACCCCCAAAAGCCTTTGCCGAATACCGCAAAACACCGTCCTTGCAAGAACACCGTCCTTGCAAGAACACCGTCCTTGCAAGAACCCCCAAAAGACCTTTGCCGAATACCGCAAACACCGTCTTGCCGAAAAACCCGCCCCAAAAGACCTCATTCCCGAACAACACCGTCTTGCCGAAAAACCCGCCCCAAAAGAACCTCAATCCCGAAAAACCCGCCCCAAAAGAACCTCAATTCCCGAAAAACCCGCCCCAAAAAACCCGCCCCAAAAAACACCGTCCTTGCAAAAAACCGTCCTTGCAAAAAACCGTCCTTGCAAAAAACCGTCCTTGCAAAAAACCGTCCTTGCAAAAAACCGAAAAACACGTCCTTGCAAAAAAACACGTCCTTGCAAAAAAACAAAAAAAA	226	CCCGACACGGGTCAGCGTAATAAT	ATTATTACGCTGACCCGTGTCGGG
TCTCGAAGCACAGCCCGGTTATTG ATGCTAACCGTTGGCCATGGAACT AGTTCCATGGCCAACGGTTAGCAT AGTTCCATGGCCAACGGTTAGCAT ACCGCTGGGCTAACACTCCGCAAG CTTGCGGAGTGTTAGCCCAGCGGT ACCGCTGGGCTAACACTCCGCAAG ACCCCTCGAGCGCCTAGGAGCA ACCCCTCCGAGCGCCTAGGAGCA CCAATGCCTTTGAGTAAGCGATGG CCATCGCTTACTCAAAGGCATTGG CCATCGCTTACTCAAAGGCATTGG AGCAGATAACGTCCCAATGACGCC GGCGTCATTGGGACGTTATCTGCT ATGGGCGCAACACGTAATGGTCAA AGCAGATTTCGCGAATTCGTCTG CAGACGAATTCCGCAAATACGCCA CTGCGTGTTTTGCGGAATTCGTCTG CAGACGAATTCCGCAAATACGCAAG CTGCGGGACATTGTTGACACGCAAG CTGCGGGACATTGTTGACACCACAG CTGCGGGACATTGTTGACACCACAG CTGCGGGACATTAATTGCGG CCGCAATTAAGTGACCTCCCGAAG CTCCGGGAAGTCACTTAATTGCAG CCGCAATTAAGTGACCTCCCGAAG CTGCGGATGTAGCCCCGAAGACACCGTACATCCCCGAACACCGTACATCCCCGAACACACAC	227	GCGACGCCCTGAGGTATGTCGTC	GACGACATACCTCAGGGCCGTCGC
230 ATGCTAACCGTTGGCCATGGAACT AGTTCCATGGCCAACGGTTAGCAT 231 CTTGCGGAGTGTTAGCCCAGCGGT ACCGCTGGGCTAACACTCCGCAAG 232 TGCTCCCTAGGCGCTCGGAGGAGT ACTCCTCCGAGCGCCTAGGAGCA 233 CCAATGCCTTTGAGTAAGCGATGG CCATCGCTTACTCAAAGGCATTGG 234 AGCAGATAACGTCCCAATGACGCC GGCGTCATTGGGACGTTATCTGCT 235 TTGACCATTACGTGTTGCGCCCAT ATGGGCGCAACACGTAATGGTCAA 236 TCGCGTATTTGCGGAATTCGTCTG CAGACGAATTCCGCAAATACGCGA 237 CTGCGTGTCAACAATGTCCCGCAG CTGCGGGACATTGTTGACACGCAG 238 TCTGGTGCCACGCAAGGTCCACAG CTGTGGACCTTGCGTGGCACCAGA 239 CTCCGGGAGGTCACTTAATTGCGG CCGCAATTAAGTGACCTCCCGGAG 240 TTTTCGTGATTGCCCGGAGGAGGC GCCTCCTCCGGGCAATCACGAAAA 241 TCGGGATGTAGCTGGGGCTACCGG CCGGTAGCCCCAGCTACATCCCGA 242 CGAGCCAACGCAACACGTCCTTG CAAGGACGTTTTGCGTTGGCTCG 243 GCAAAGCCTTTGTGGGGCGGTAGT ACTACCGCCCCACAAAGGCTTTGC 244 ATTCGACCGGAAATGAGGTCTTCC CGAAGACCTCATTTCCGGTCGAAT 245 TTCGCTTGCTGAGTTGCTCTGTTC GAACAGACACTCAGCAAAC 246 CGCGTGAAGACCCCATTCCCGAGT ACTCCGGGAATACGCGAA 247 AACCGTATTCGCGGGTCACTTGTGG CCACAAAGGCTTTCACGCG	228	CAAAAGTGTGTTCCCTTGCGCTTG	CAAGCGCAAGGGAACACACTTTTG
231 CTTGCGAGTGTTAGCCCAGCGGT ACCGCTGGCTAACACTCCGCAAG 232 TGCTCCCTAGGCGCTCGGAGGAGT ACTCCTCCGAGCGCCTAGGAGCA 233 CCAATGCCTTTGAGTAAGCGATGG CCATCGCTTACTCAAAGGCATTGG 234 AGCAGATAACGTCCCAATGACGCC GGCGTCATTGGGACGTTATCTGCT 235 TTGACCATTACGTGTTGCGCCCAT ATGGGCGCAACACGTAATGGTCAA 236 TCGCGTATTTGCGGAATTCGTCTG CAGACGAATTCCGCAAATACGCGA 237 CTGCGTGCAACAATGTCCCGCAG CTGCGGGACATTGTTGACACGCAG 238 TCTGGTGCACGCAAGGTCCACAG CTGTGGACCTTGCGTGGCACCAGA 239 CTCCGGGAGGTCACTTAATTGCGG CCGCAATTAAGTGACCTCCCGGAG 240 TTTTCGTGATTGCCCGGAGGAGGC GCCTCCTCCGGGCAATCACGAAAA 241 TCGGGATGTAGCTGGGGCTACCGG CCGGTAGCCCCAGCTACATCCCGA 242 CGAGCCAACGCAAACACGTCCTTG CAAGGACGTGTTTGCGTTGGCTCG 243 GCAAAGCCTTTGTGGGGGCGGTAGT ACTACCGCCCCACAAAGGCTTTGC 244 ATTCGACCGGAAATGAGGTCTTCG CGAAGACCTCATTTCCGGTCGAAT 245 TTCGCTTGCTGAGTTGCTCTGTTC GAACAGAGCAACTCAGCAAA 246 CGCGTGAAGACCCCATTCCCGAGT ACTCCGGG 247 AACCGTATTCGCGGTCACTTGTGG CCACAAGTGACCCCGAATACGGTT	229	TCTCGAAGCACAGCCCGGTTATTG	CAATAACCGGGCTGTGCTTCGAGA
TGCTCCCTAGGCGCTCGGAGGAGT ACTCCTCCGAGCGCCTAGGGAGCA 233 CCAATGCCTTTGAGTAAGCGATGG CCATCGCTTACTCAAAGGCATTGG 234 AGCAGATAACGTCCCAATGACGCC GGCGTCATTGGGACGTTATCTGCT 235 TTGACCATTACGTGTTGCGCCCAT ATGGGCGCAACACGTAATGGTCAA 236 TCGCGTATTTGCGGAATTCGTCTG CAGACGAATTCCGCAAATACGCGA 237 CTGCGTGTCAACAATGTCCCGCAG CTGCGGGACATTGTTGACACGCAG 238 TCTGGTGCCACGCAAGGTCCACAG CTGTGGACCTTGCGTGGCACCAGA 239 CTCCGGGAGGTCACTTAATTGCGG CCGCAATTAAGTGACCTCCCGGAG 240 TTTTCGTGATTGCCCGGAGGAGGC GCCTCCTCCGGGCAATCACGAAAA 241 TCGGGATGTAGCTGGGGCTACCGG CCGGTAGCCCCAGCTACATCCCGA 242 CGAGCCAACGCAAACACGTCCTTG CAAGGACGTTTTGCGTTGGCTCG 243 GCAAAGCCTTTGTGGGGCCGTAGT ACTACCGCCCCACAAAGGCTTTGC 244 ATTCGACCGGAAATGAGGTCTTCG CGAAGACCTCATTTCCGGTCGAAT 245 TTCGCTTGCTGAGTTGCTCTGTTC GAACAGAGCAACTCAGCAAA 246 CGCGTGAAGACCCCATTCCCGAGT ACTCCGGGAATACGGTA 247 AACCGTATTCGCGGTCACTTGTGG CCACAAGTGACCGCGAATACGGTT	230	ATGCTAACCGTTGGCCATGGAACT	AGTTCCATGGCCAACGGTTAGCAT
233 CCAATGCCTTTGAGTAAGCGATGG CCATCGCTTACTCAAAGGCATTGG 234 AGCAGATAACGTCCCAATGACGCC GGCGTCATTGGGACGTTATCTGCT 235 TTGACCATTACGTGTTGCGCCCAT ATGGGCGCAACACGTAATGGTCAA 236 TCGCGTATTTGCGGAATTCGTCTG CAGACGAATTCCGCAAATACGCGA 237 CTGCGTGTCAACAATGTCCCGCAG CTGCGGGACATTGTTGACACGCAG 238 TCTGGTGCCACGCAAGGTCCACAG CTGTGGACCTTGCGTGGCACCAGA 239 CTCCGGGAGGTCACTTAATTGCGG CCGCAATTAAGTGACCTCCCGGAG 240 TTTTCGTGATTGCCCGGAGGAGGC GCCTCCTCCGGGCAATCACGAAAA 241 TCGGGATGTAGCTGGGGCTACCGG CCGGTAGCCCCAGCTACATCCCGA 242 CGAGCCAACGCAAACACGTCCTTG CAAGGACGTGTTTGCGTTGGCTCG 243 GCAAAGCCTTTGTGGGGCGGTAGT ACTACCGCCCCACAAAGGCTTTGC 244 ATTCGACCGGAAATGAGGTCTTCG CGAAGACCTCATTTCCGGTCGAAT 245 TTCGCTTGCTGAGTTGCTCTGTTC GAACAGAGCAACTCAGCAAA 246 CGCGTGAAGACCCCATTCCCGAGT ACTCGGGGAATACGGTT	231	CTTGCGGAGTGTTAGCCCAGCGGT	ACCGCTGGGCTAACACTCCGCAAG
234 AGCAGATAACGTCCCAATGACGCC GGCGTCATTGGGACGTTATCTGCT 235 TTGACCATTACGTGTTGCGCCCAT ATGGGCGCAACACGTAATGGTCAA 236 TCGCGTATTTGCGGAATTCGTCTG CAGACGAATTCCGCAAATACGCGA 237 CTGCGTGTCAACAATGTCCCGCAG CTGCGGGACATTGTTGACACGCAG 238 TCTGGTGCCACGCAAGGTCCACAG CTGTGGACCTTGCGTGGCACCAGA 239 CTCCGGGAGGTCACTTAATTGCGG CCGCAATTAAGTGACCTCCCGGAG 240 TTTTCGTGATTGCCCGGAGGAGGC GCCTCCTCCGGGCAATCACGAAAA 241 TCGGGATGTAGCTGGGGCTACCGG CCGGTAGCCCCAGCTACATCCCGA 242 CGAGCCAACGCAAACACGTCCTTG CAAGGACGTGTTTGCGTTGGCTCG 243 GCAAAGCCTTTGTGGGGCCGTAGT ACTACCGCCCCACAAAGGCTTTGC 244 ATTCGACCGGAAATGAGGTCTTCG CGAAGACCTCATTTCCGGTCGAAT 245 TTCGCTTGCTGAGTTGCTCTGTTC GAACAGAGCAACTCAGCAAGCGAA 246 CGCGTGAAGACCCCATTCCCGAGT ACTCGGGGAATGAGCGAA 247 AACCGTATTCGCGGTCACTTGTGG CCACAAGTGACCGCGAATACGGTT	232	TGCTCCCTAGGCGCTCGGAGGAGT	ACTCCTCCGAGCGCCTAGGGAGCA
TIGACCATTACGTGTTGCGCCCAT TIGACCATTACGTGTTGCGCCCAT TIGACCATTACGTGTTGCGCCCAT TCGCGTATTTGCGGAATTCGTCTG TCGCGTGTCAACAATGTCCCGCAG TCTGCGTGTCAACAATGTCCCGCAG TCTGCGGGACATTGTTGACACGCAG TCTGGTGCCACGCAAGGTCCACAG TCTGGGACCTTGCGTGGCACCAGA TCTCGGGAGGTCACTTAATTGCGG TTTTCGTGATTGCCCGGAGGAGGC TCCGGGAGGTCACTTAATTGCGG TCGGGATGTAGCTGGGGCTACCGG TCGGGATGTAGCTGGGGCTACCGG TCGGGATGTAGCTGGGGCTACCGG TCGGGACCAACGCAAACACGTCCTTG TCGAGCCAACGCAAACACGTCCTTG TCAAGGACGTGTTTGCGTTGGCTCG TCGAAGACCTTTTGTGGGGCGGTAGT TCGCTTGCTGAGTTGCTCTGTTC TCGACGGAATGAGGTCTTCCG TCGACGAACACCCAATCACGCAA TCGCTTGCTGAGTTGCTCTGTTC TCGACGGAATGAGGTCTTCCCGAGT TCCGCTGAAGACCCCATTCCCGAGT TCCGCGGAATACGGTT	233	CCAATGCCTTTGAGTAAGCGATGG	CCATCGCTTACTCAAAGGCATTGG
236 TCGCGTATTTGCGGAATTCGTCTG CAGACGAATTCCGCAAATACGCGA 237 CTGCGTGTCAACAATGTCCCGCAG CTGCGGGACATTGTTGACACGCAG 238 TCTGGTGCCACGCAAGGTCCACAG CTGTGGACCTTGCGTGGCACCAGA 239 CTCCGGGAGGTCACTTAATTGCGG CCGCAATTAAGTGACCTCCCGGAG 240 TTTTCGTGATTGCCCGGAGGAGGC GCCTCCTCCGGGCAATCACGAAAA 241 TCGGGATGTAGCTGGGGCTACCGG CCGGTAGCCCCAGCTACATCCCGA 242 CGAGCCAACGCAAACACGTCCTTG CAAGGACGTGTTTGCGTTGGCTCG 243 GCAAAGCCTTTGTGGGGCGGTAGT ACTACCGCCCCACAAAGGCTTTGC 244 ATTCGACCGGAAATGAGGTCTTCG CGAAGACCTCATTTCCGGTCGAAT 245 TTCGCTTGCTGAGTTGCTCTGTTC GAACAGAGCAACTCAGCAAGCGAA 246 CGCGTGAAGACCCCATTCCCGAGT ACTCGGGGAATGGGGTCTTCACGCG 247 AACCGTATTCGCGGTCACTTGTGG CCACAAGTGACCGCGAATACGGTT	234	AGCAGATAACGTCCCAATGACGCC	GGCGTCATTGGGACGTTATCTGCT
237 CTGCGTGTCAACAATGTCCCGCAG CTGCGGGACATTGTTGACACGCAG 238 TCTGGTGCCACGCAAGGTCCACAG CTGTGGACCTTGCGTGGCACCAGA 239 CTCCGGGAGGTCACTTAATTGCGG CCGCAATTAAGTGACCTCCCGGAG 240 TTTTCGTGATTGCCCGGAGGAGGC GCCTCCTCCGGGCAATCACGAAAA 241 TCGGGATGTAGCTGGGGCTACCGG CCGGTAGCCCCAGCTACATCCCGA 242 CGAGCCAACGCAAACACGTCCTTG CAAGGACGTGTTTGCGTTGGCTCG 243 GCAAAGCCTTTGTGGGGCGGTAGT ACTACCGCCCCACAAAGGCTTTGC 244 ATTCGACCGGAAATGAGGTCTTCG CGAAGACCTCATTTCCGGTCGAAT 245 TTCGCTTGCTGAGTTGCTCTGTTC GAACAGAGCAACTCAGCAAGCGAA 246 CGCGTGAAGACCCCATTCCCGAGT ACTCGGGAATGGGGTCTTCACGCG 247 AACCGTATTCGCGGTCACTTGTGG CCACAAGTGACCGCGAATACGGTT	235	TTGACCATTACGTGTTGCGCCCAT	ATGGGCGCAACACGTAATGGTCAA
TCTGGTGCCACGCAAGGTCCACAG CTGTGGACCTTGCGTGGCACCAGA CTCCGGGAGGTCACTTAATTGCGG CCGCAATTAAGTGACCTCCCGGAG CTCCGGGAGGTCACTTAATTGCGG CCGCAATTAAGTGACCTCCCGGAG CTTTTCGTGATTGCCCGGAGGAGGC GCCTCCTCCGGGCAATCACGAAAA CTCGGGATGTAGCTGGGGCTACCGG CCGGTAGCCCCAGCTACATCCCGA CAAGCCCAACGCAAACACGTCCTTG CAAGGACGTGTTTGCGTTGGCTCG CAAGCCTTTGTGGGGGCGGTAGT ACTACCGCCCCACAAAGGCTTTGC CAAGACCTCATTTCCGGTCGAAT CTCGCTTGCTGAGTTGCTCTGTTC GAACAGAGCAACTCAGCAAGCGAA CGCGTGAAGACCCCATTCCCGAGT ACTCGGGAATGGGGTCTTCACGCG CCACAAGTGACCGCGAATACGGTT CCACAAGTGACCGCGAATACGGTT CCACAAGTGACCGCGAATACGGTT CCACAAGTGACCGCGAATACGGTT CCACAAGTGACCGCGAATACGGTT CCACAAGTGACCGCGAATACGGTT	236	TCGCGTATTTGCGGAATTCGTCTG	CAGACGAATTCCGCAAATACGCGA
239 CTCCGGGAGGTCACTTAATTGCGG CCGCAATTAAGTGACCTCCCGGAG 240 TTTTCGTGATTGCCCGGAGGAGGC GCCTCCTCCGGGCAATCACGAAAA 241 TCGGGATGTAGCTGGGGCTACCGG CCGGTAGCCCCAGCTACATCCCGA 242 CGAGCCAACGCAAACACGTCCTTG CAAGGACGTGTTTGCGTTGGCTCG 243 GCAAAGCCTTTGTGGGGGCGGTAGT ACTACCGCCCCACAAAGGCTTTGC 244 ATTCGACCGGAAATGAGGTCTTCG CGAAGACCTCATTTCCGGTCGAAT 245 TTCGCTTGCTGAGTTGCTCTGTTC GAACAGAGCAACTCAGCAAGCGAA 246 CGCGTGAAGACCCCATTCCCGAGT ACTCGGGAATGGGGTCTTCACGCG 247 AACCGTATTCGCGGTCACTTGTGG CCACAAGTGACCGCGAATACGGTT	237	CTGCGTGTCAACAATGTCCCGCAG	CTGCGGGACATTGTTGACACGCAG
240 TTTTCGTGATTGCCCGGAGGAGGC GCCTCCTCCGGGCAATCACGAAAA 241 TCGGGATGTAGCTGGGGCTACCGG CCGGTAGCCCCAGCTACATCCCGA 242 CGAGCCAACGCAAACACGTCCTTG CAAGGACGTGTTTGCGTTGGCTCG 243 GCAAAGCCTTTGTGGGGCGGTAGT ACTACCGCCCCACAAAGGCTTTGC 244 ATTCGACCGGAAATGAGGTCTTCG CGAAGACCTCATTTCCGGTCGAAT 245 TTCGCTTGCTGAGTTGCTCTGTTC GAACAGAGCAACTCAGCAAGCGAA 246 CGCGTGAAGACCCCATTCCCGAGT ACTCGGGAATGGGGTCTTCACGCG 247 AACCGTATTCGCGGTCACTTGTGG CCACAAGTGACCGCGAATACGGTT	238	TCTGGTGCCACGCAAGGTCCACAG	CTGTGGACCTTGCGTGGCACCAGA
TCGGGATGTAGCTGGGGCTACCGG CCGGTAGCCCCAGCTACATCCCGA CGAGCCAACGCAAACACGTCCTTG CAAGGACGTGTTTGCGTTGGCTCG CAAGGCCTTTGTGGGGCGGTAGT ACTACCGCCCCACAAAGGCTTTGC CGAAGACCTCATTTCCGGTCGAAT CGCTTGCTGAGTTGCTCTGTTC GAACAGACCTCATTTCCGGTCGAAT CGCGTGAAGACCCCATTCCCGAGT ACTCGGGAATGGGGTCTTCACGCG ACCGTGAAGACCCCATTCCCGAGT CCACAAGTGACCGCGAATACCGGTT CCACAAGTGACCGCGAATACCGGTT	239	CTCCGGGAGGTCACTTAATTGCGG	CCGCAATTAAGTGACCTCCCGGAG
242 CGAGCCAACGCAAACACGTCCTTG CAAGGACGTGTTTGCGTTGGCTCG 243 GCAAAGCCTTTGTGGGGCGGTAGT ACTACCGCCCCACAAAGGCTTTGC 244 ATTCGACCGGAAATGAGGTCTTCG CGAAGACCTCATTTCCGGTCGAAT 245 TTCGCTTGCTGAGTTGCTCTGTTC GAACAGAGCAACTCAGCAAGCGAA 246 CGCGTGAAGACCCCATTCCCGAGT ACTCGGGAATGGGGTCTTCACGCG 247 AACCGTATTCGCGGTCACTTGTGG CCACAAGTGACCGCGAATACGGTT	240	TTTTCGTGATTGCCCGGAGGAGGC	GCCTCCTCCGGGCAATCACGAAAA
243 GCAAAGCCTTTGTGGGGCGGTAGT ACTACCGCCCCACAAAGGCTTTGC 244 ATTCGACCGGAAATGAGGTCTTCG CGAAGACCTCATTTCCGGTCGAAT 245 TTCGCTTGCTGAGTTGCTCTGTTC GAACAGAGCAACTCAGCAAGCGAA 246 CGCGTGAAGACCCCATTCCCGAGT ACTCGGGAATGGGGTCTTCACGCG 247 AACCGTATTCGCGGTCACTTGTGG CCACAAGTGACCGCGAATACGGTT	241	TCGGGATGTAGCTGGGGCTACCGG	CCGGTAGCCCCAGCTACATCCCGA
244 ATTCGACCGGAAATGAGGTCTTCG CGAAGACCTCATTTCCGGTCGAAT 245 TTCGCTTGCTGAGTTGCTCTGTTC GAACAGAGCAACTCAGCAAGCGAA 246 CGCGTGAAGACCCCATTCCCGAGT ACTCGGGAATGGGGTCTTCACGCG 247 AACCGTATTCGCGGTCACTTGTGG CCACAAGTGACCGCGAATACGGTT	242	CGAGCCAACGCAAACACGTCCTTG	CAAGGACGTGTTTGCGTTGGCTCG
245 TTCGCTTGCTGAGTTGCTCTGTTC GAACAGAGCAACTCAGCAAGCGAA 246 CGCGTGAAGACCCCATTCCCGAGT ACTCGGGAATGGGGTCTTCACGCG 247 AACCGTATTCGCGGTCACTTGTGG CCACAAGTGACCGCGAATACGGTT	243	GCAAAGCCTTTGTGGGGCGGTAGT	ACTACCGCCCCACAAAGGCTTTGC
246 CGCGTGAAGACCCCATTCCCGAGT ACTCGGGAATGGGGTCTTCACGCG 247 AACCGTATTCGCGGTCACTTGTGG CCACAAGTGACCGCGAATACGGTT	244	ATTCGACCGGAAATGAGGTCTTCG	CGAAGACCTCATTTCCGGTCGAAT
247 AACCGTATTCGCGGTCACTTGTGG CCACAAGTGACCGCGAATACGGTT	245	TTCGCTTGCTGAGTTGCTCTGTTC	GAACAGAGCAACTCAGCAAGCGAA
	246	CGCGTGAAGACCCCATTCCCGAGT	ACTCGGGAATGGGGTCTTCACGCG
248 GGGGCCAACCGTTTCGAGGCGTAT ATACGCCTCGAAACGGTTGGCCCC	247	AACCGTATTCGCGGTCACTTGTGG	CCACAAGTGACCGCGAATACGGTT
	248	GGGGCCAACCGTTTCGAGGCGTAT	ATACGCCTCGAAACGGTTGGCCCC

249 TTCGGCTGGCAGTCCAAACGGCTT AAGCCGTTTGGACTGCAGCCGAA 250 GGGTGTGTTAGAATGCACGGTTC 251 GCGAGGACCGAACTAGACAAACGG CCGTTTGTCTAGTTCGGTCCTCGC 252 ACGCACGCGTGACCGAAGTTGCTG 253 TAAAAGGTCGCTTTGAAAGGGGGA 254 TGCGATCGCTAACTGCTGGACAA 255 TGAAAAGGTCGCTTTGAAAGGGGGA 255 GGAGGTATAACGCGACGCTCAA 255 GGAGGTATAAGCGGACCAA 255 GGAGGTATAAGCGGACCAA 255 GGAGGTATAAGCGGACCAA 256 ATGCTGACATGTGTGGACAA 257 TGTGGTTAAAGCGTCGGTTCAACG 258 CGTTCACACCGCGTTCAACG 258 CGTTCACACCGGCGTCAACG 259 CCTATCCCGGCGAAACTTCTACCTC 259 CCTATCCCGGCGAAACTTCTGTC 250 GTTCACACCGGCGTAAGCTGCGT 250 GTTCACACCGGCGAAACTTCTGTC 251 GCACGAGTTTACCTCC 252 CCTATCCCGGCGAGAACTTCTGTC 253 CCTATCCCGGCGAGAACTTCTGTC 254 CCCCCTTCACCCACCGGACAACTCTCACCAC 255 CCTATCCCGGCGAGAACTTCTGTC 255 CCTATCCCGGCGAGAACTTCTTGTC 256 CCCAACCCGCTTAACCCCACCCGGCACCAACTCTCACCAC 257 CCCACCCACCCACCACCACCACCTCCACCCACCCACCCA	0.10	TTOOCOTOCOACTOCAAACCCCTT	AAGCCGTTTGGACTGCCAGCCGAA
251 GCGAGGACCGAACTAGACAAACGG CCGTTTGTCTAGTTCGGTCCTCGC 252 ACGCACGCGTGACCGAAGTTGCTG CAGCAACTTCGGTCACGCGTGCGT 253 TAAAAGGTCGCTTTGAAAGGGGGA TCCCCCTTTCAAAGCGACCTTTTA 254 TGCGATCGCTAACTGCTGGGACAA TTGTCCCAGCAGTTAGCGATCGCA 255 GGAGGTATAAGCGGACCGGCCTCA TGAGGCCGCTCCGCT			
252 ACGCACGCGTGACCGAAGTTGCTG 253 TAAAAGGTCGCTTTGAAAGGGGGA 254 TGCGATCGCTAACTGCTGGGACAA 255 GGAGGTATAACGCGACCTTTA 254 TGCGATCGCTAACTGCTGGGACAA 255 GGAGGTATAACGCGACCTCA 256 ATGCTGACATGCTGCTGCACCTCCT 256 ATGCTGACATGCTGCTGCACCTCCT 257 TGTGGTTAAAGCGGCTCCGTTCAACG 258 CGTTCACACCGGCGTCAACG 259 CCTATCCCGGCGGACAACCTCGTT 259 CCTATCCCGGCGACAACTTCTGTG 260 GTCTGCACTCACGCACATTCCGCTTCACGC 261 GCACGACTTCACGCCGCGCTAACCTCGCT 262 AACGTCGACACACCACCACCACCACCACCACCACCACCACCACCA			
TAAAAGGTCGCTTTGAAAGGGGA TCCCCTTTCAAAGCGACCTTTTA TAAAAGGTCGCTAACTGCTGGGACAA TTGTCCCAGCAGTTAGCGATCGCA TGCGATCGCTAACTGCTGGGACAA TTGTCCCAGCAGTTAGCGATCGCA TGCGATCGCTAACTGCTGGGACCAA TTGTCCCAGCAGTTAGCGATCGCA TGCGAGCGCTCCGCTTAACCTCC TGCAGCGCGCTCCGCTTAACCTCC TGCAGCGCGCTCCGCTTAACCTCC TGCAGCGCGCTCCGCTTAACCTCC TGCAGCGCGCTCACCCCCCACAC TGCTGCACCCACCACCCCCCCCCC			
TGCGATCGCTAACTGCTGGGACAA TTGTCCCAGCAGTTAGCGATCGCA TGAGGCCGCTCCGCT			
255 GGAGGTATAAGCGGAGCGGCCTCA TGAGGCCGCTCCGCT	253		
ATGCTGACATGTCGTGACCTCGT ACGAGGTGACAGACATGTCAGCAT 257 TGTGGTTAAAGCGTCCGTTCAACG CGTTGAACGGACGCTTTAACCACA 258 CGTTCACACCGGCGTAAGCTGCGT ACGCAGCTTACGCCGGTGTGAACG 259 CCTATCCCGGCGAGAACTTCTGTG CACAGAAGTTCTCGCCGGGATAGG 260 GTCTGCACTCACGCAGCGGAGGGA 261 GCACGAGTTGGTGCTCGGCAGATT AATCTGCCGAGCACCAACTCGTGC 262 AACGTCGCACGACACACGTTCGTC 263 ATGCGCGCTTATCCTAGCATGGTC 264 TCACGTTTTCCTTCGACATGGTC 265 TGTGCCTCATCCTAGCATGAGG 265 TGTGCCTCATCCTTAGCATGGTC 266 AGGTGGTGTGCTCGACATGAGG 266 AGGTGGTGTGCTCGACATGAGG 267 CTGGATCGACAGACACCGTTTA 268 TGGCCCTCATCCTTAGGATACGGC 268 AGGTGGTGTGGGCACCACCCCT 267 CTGGATCGAAGGGACCAACCGCTTTA 268 TAGATCAACTCGGCAGAGACCACCCT 267 CTGGATCGAAGGGACCAAGCCCCT 269 GATCCTGCGGAGAAGAGAGACCACCACCACCACCACCACCACCACC	254	TGCGATCGCTAACTGCTGGGACAA	
257 TGTGGTTAAAGCGTCCGTTCAACG CGTTGAACGGACGCTTTAACCACA 258 CGTTCACACCGGCGTAAGCTGCGT ACGCAGCTTACGCCGGTGTGAACG 259 CCTATCCCGGCGAGAACTTCTGTG CACAGAAGTTCTCGCCGGGATAGG 260 GTCTGCACTCACGCAGCGGAGGGA TCCCTCCGCTGCGTGAGTGCAGAC 261 GCACGAGTTGGTGCTCGGCAGATT AATCTGCCGAGCACCAACTCGTGC 262 AACGTCGCACGACACACGTTCGTC GACGAACGTGTGTCGCGAGCTT 263 ATGCGCGCTTATCCTAGCATGGTC GACCATGCTAGGATAAGCGCGCAT 264 TCACGTTTTCGTCTCGACATGAGG CCTCATGTCGAGACCAACACGTGTG 265 TGTGCCTCATCCTTAGACATAGAGG CCTCATGTCGAGAGCAAAAACGTGA 266 AGGTGGTGGGTCAACCGCTTTA TAAAGCGGTTGACCCAACCACCCT 267 CTGGATCGAAGGGACTGCAAGCTC GAGCTTGCACCCACACCACCT 268 TAGATCAACTCGCGTAAGCGTC GAGCTTGCAAGGATAAGCGCACA 269 GATCCTGCGAGAGGAACCGCTTTA TAAAGCGGTTGACCCAACCACCT 269 GATCCTCGCGAAGCACG CTGCACTCCTTCGATCCAG 270 TACGTGTGGAGAAGAGAGTGCAG CTGCACTCTTCTCCCGCAGGATC 271 GCGCTATGTCAATCGTGGGCGTAG CTGCACTCTTTCTCCGCAGGATC 272 AGCGAGGTTTCAACCGTGGACCC GGTTCGGGCCACACCACCT 274 ACCCAGGTTTTCAGCGTCGACACC GGTTCGACCCACACCACCT 275 CCCTGTTAACGGTCGACACC GGTGCGACCCACACCACCT 276 AGGCCATCTCCTAGCGTAGCACCC GGTGCGACCCGTTAACAGGG 277 GAGCCCTCACTCCTTGCCGTTAGGAT 278 GGGCGATTTCCCGCTTGGAAT 279 GAGCCCTCACTCTTGCCTTTGA TCAAAGGGCAAAACCTGGCT 279 GAGCCCTCACTCCTTGCCTTTGA TCAAAGGGCAAAACCTGGCT 279 GAGCCCTCACTCCTTGCCTTTGA TCAAAGGGCAAAACCTCGCC 279 GATGCTGAGAACCGTGCAACCA TCCACCCACCACCCACCACCCACCCCAC	255	GGAGGTATAAGCGGAGCGGCCTCA	TGAGGCCGCTCCGCTTATACCTCC
258 CGTTCACACCGGCGTAAGCTGCGT ACGCAGCTTACGCCGGTGTGAACG 259 CCTATCCCGGCGAGAACTTCTGTG CACAGAAGTTCTGCCCGGGATAGG 260 GTCTGCACTCACGCAGCGGAGGGA TCCCTCCGCTGCGTGAGTGCAGAC 261 GCACGAGTTGGTGCTCGGCAGATT AATCTGCCGAGCACCAACTCGTGC 262 AACGTCGCACGACACACGTTCGTC GACGAACGTGTGTCGTGCGACGTT 263 ATGCGCGCTTATCCTAGCATGGTC GACCATGCTAGGATAAGCGCGCAT 264 TCACGTTTTCGTCCGACATGAGG CCCTATGTCGAGACGAACACGTGTA 265 TGTGCCTCATCCTTAGGATACGGC GCCGTATCCTAAGGATGAGGACACACACACT 266 AGGTGGTGGGTCAACCGCTTTA TAAAGCGGTTGACCCACACCACCT 267 CTGGATCGAAGGGACCGACTTCA TAAAGCGGTTGACCCACACCACCT 268 TAGATCAACTCGCGTACGCATGGA TCCATGCGTACGCGAGTTCCAG 269 GATCCTGCGGAGAGAGAGAGAGTGCAG 260 GACCTTGCATCCGGTACGCATGCA 261 TACGTGTGGAGAAGAGAGAGTGCAG 262 CTGCACTCTTCCTCCGACACCG 263 CATCCTGCGGAGAAGAGAGAGTGCAG 264 TCACGCCACACCACCACCACCACCAC 265 TGTGCCTCATCCTTAGGATACGGC 266 AGGCGATTGCAACGCCTTTA TAAAGCGGTTGACCCACACCACCAC 267 CTGGATCGAAGGGACTGCAAGCCC GACTTGCATCCAG 268 TAGATCAACTCGCGTACGCATGGA TCCATGCGTACGCGAGTTGATCTA 269 GATCCTGCGGAGAAGAGAGAGTGCAG 270 TACGTGTGGAGATGCCCCGAACCG CGGTTCGGGCGAGTTCACACCGTA 271 GCGCTATGTCAATCGTGGGCGTAG CTACGCCCACGATTGACATAGCGC 272 AGCGAGGTTTCAGCGTCGACACC GGTGCGACCCCACGATTGACATAGCGC 273 ACCCAGGTTTTCACCGTCGACACC GGTGCGACCCCACACCTCGCT 274 ACCCAGGTTTTCACCGTCGACACC GGTGCGACACCCGGTTAACAGGG 275 CCCTGTTAACGGCTGCGTAGTCCC GAGACTACGCAGCCGTTAACAGGG 276 AGGCCGATTTCACCCGCCAATTGC GCAATTGCCGCGGTGAAATCCGCCT 277 GAGCCCTCACTCCTTTGCCTTTTGA TCAAAGGGCAAAACCTGGCT 278 GGGTGGACATCCGCCTTCGCAGTCA TCCACCCCCCCCCC	256	ATGCTGACATGTCGTGCACCTCGT	ACGAGGTGCACGACATGTCAGCAT
259 CCTATCCCGGCGAGAACTTCTGTG CACAGAAGTTCTCGCCGGGATAGG 260 GTCTGCACTCACGCAGCGGAGGGA TCCCTCCGCTGCGTGAGTGCAGAC 261 GCACGAGTTGGTCCTCGGCAGATT AATCTGCCGAGCACCAACTCGTGC 262 AACGTCGCACGACACACGTTCGTC GACGACGTGTGTCGTGCGACGTT 263 ATGCGCGCTTATCCTAGCATGGTC GACCAACGTGTGTCGTGCGACGTT 264 TCACGTTTTCGTCTCGACATGAGG CCTCATGCTAGGATAAGCGCGCAT 265 TGTGCCTCATCCTTAGGATACGGC GCCGTATCCTAAGGATGAGGCACA 266 AGGTGGTGTGGGTCAACCGCTTTA TAAAGCGGTTGACCCACACCACCT 267 CTGGATCGAAGGGACGAAGACTC 268 TAGATCAACTCGCGTACGAAGGCT GAGCTTGACCCACACCACCT 269 GATCCTGCGGAGAAGAGAGAGTGCAG 270 TACGTGTGGAGATGACGCT 271 GCGCTATGTCAATCGTGACACCG 272 AGCGAGGTTTCACCGAACCC CGGTTCCGAGCACACCACCT 274 ACCCAGGTTTCACCGACACCC GGTTCCGAGCACACCCCT 275 CCCTGTTAACGCGTCGAACCC GGTTCCACACGAAAACCTCGCT 276 AGCGAGGTTTCTAGCGTCGACACC GGTTCCACACGAAAACCTCGCT 277 GAGCCCACCATTGCCATTGGAAT 277 CCCACACGTTTGCCCTTTGAATCCGCGAAAACCTCGCT 278 GGGTGGACATCCCCGCAACCG GACCACACCGCGAAAAACCTCGCT 279 GAGCCGATTTCACCCGCCAATTGC 278 GGGTGGACATCCCCGCAATTGC 279 GATGCCTACTCTTGCCCTTTGA 280 TCGACGTTAGGAGTCCCCAAACC 281 CGAATGGGTCGCACACC 282 GTGCACCACACCTCCTTGCCCTTTGA 282 GTGCACCAGACACTCCGCAACCC 283 AGAGCCCCCACATTCCACCCC 284 AACGCCTTTCAGACCTCCATCCATCCATCCACCCT 285 AAGGCCCCCGTATATCCCATCCAT 286 AGGCCCCTGTTCAGAACTCCGCT 287 AGCGCGATTTCACCCGCCAGAAACCTCGCT 288 AGGCCCCCGTATATCCCACCACAACCCCACCACCCACCCA	257	TGTGGTTAAAGCGTCCGTTCAACG	CGTTGAACGGACGCTTTAACCACA
260 GTCTGCACTCACGCAGCGGAGGGA 261 GCACGAGTTGGTCCTCGGCAGATT AATCTGCCGAGCACCACCTCGTC 262 AACGTCGCACGACACACCGTTCGTC 263 ATGCGCGCTTATCCTAGCATGGTC 264 TCACGTTTTCGTCTCGACATGGTC 265 AGCGATGCTCGTCCTCGACATGAGG 266 TGTGCCTCATCCTTAGGATACGGC 267 CTGGATCGACACCGCTTTA 268 TAGATCAACTCGTCGACATGAGG 268 AGGTGGTGTGGGCACACCGCTTTA 269 TAGATCAACTCGGACATGAGG 269 GATCCTGCGAAGGACCACACCACCACCACCACCACCACCACCACCA	258	CGTTCACACCGGCGTAAGCTGCGT	ACGCAGCTTACGCCGGTGTGAACG
261 GCACGAGTTGGTGCTCGGCAGATT 262 AACGTCGCACGACACACGTTCGTC 263 ATGCGCGCTTATCCTAGCATGGTC 264 TCACGTTTTCGTCTCGACATGAGG 265 TGTGCCTCATCCTTAGGATAGGG 266 AGGTGGTGTGGGTCAACCGCTTTA 267 CTGGATCGAAGGGACCAACACGTTCAGCATGAGACGAAAACGTGA 268 AGGTGGTGTGGGTCAACCGCTTTA 269 CACGATCCAAGGATCCAAGCACCACCACCACCACCACCACCACCACCACCACCA	259	CCTATCCCGGCGAGAACTTCTGTG	CACAGAAGTTCTCGCCGGGATAGG
262 AACGTCGCACGACACACGTTCGTC GACGAACGTGTGTCGTGCGACGTT 263 ATGCGCGCTTATCCTAGCATGGTC GACCATGCTAGGATAAGCGCGCAT 264 TCACGTTTTCGTCTCGACATGAGG CCTCATGTCGAGACGAAAACGTGA 265 TGTGCCTCATCCTTAGGATACGGC GCCGTATCCTAAGGATGAGGCACA 266 AGGTGGTGTGGGTCAACCGCTTTA TAAAGCGGTTGACCCACCACCACCAC 267 CTGGATCGAAGGGACTGCAAGCTC GAGCTTGCAGTCCATCCAG 268 TAGATCAACTCGCGTACGCATGGA TCCATGCGTACCAGC 269 GATCCTGCGGAGAAGAGAGTGCAG CTGCACTCTTTCTCCGCAGGATC 270 TACGTGTGGAGATGCCCCGAACCG CGGTTCGAGCCACCACCACCAC 271 GCGCTATGTCAATCGTGGGCGTAG CTACGCCCACGATTGACATAGCGC 272 AGCGAGGTTTCTAGCGTCGACACC GGTGCGACCCTAGAAACCTCGCT 274 ACCCAGGTTTTGCCGTTGTGGAAT ATTCCACAACGGCAAAACCTGGGT 275 CCCTGTTAACGGCTGCGTAGTCTC GAGACTACGCAGCCGTTAACAGGG 276 AGGCCGATTTCACCCGCCAATTGC GCAATTGGCGGGTGAAATCGGCCT 277 GAGCCCTCACTCCTTGCCCTTTGA TCAAAGGGCAAGAGTGAGGGCTC 278 GGGTGGACATCCGCCTCGCAGTCA TGCCTGCGAGGGGTGAAATCGGCCT 279 GATGGCTGAGAACCGTGCTACGAT ATCCACACGGCAAGGGGGTCCACCC 279 GATGGCTGAGAACCGTGCTACGAT ATCCACACGGCAATCCACCC 279 GATGGCTGAGAACCGTGCTACGAT ATCCACACGGCATCCACCCC 280 TCGACGTTAGGAGACCGTTCCCAGAA TTCTGGCAGCACTCCTAACGTCGA 281 CGAATGGGTCTGGACCTTGCATAG CTATGCAGGCGGTTCTCAGCCATC 282 GTGCACCAGACATTCGAACTCGGA TCCGAGTCCTAACGTCGA 283 AGAGGCCCCGTATATCCCATCAT ATCGTAGAATGTCTGGTGCAC 284 AACGCCTGTTCAGACTCGAC TCCGAGTTCGAACACGGCGTTTCAGCCCTTCGAACACCGGACCCCTTTCGAACACGGGCGCTTCTCAACGGGGCCGTTAACAGGGGCCTCT 284 AACGCCTGTTCAGACCTCGAA TCCGAGTTCGAACAGGGCGTTTCAGCCCTTCGAACACCCCTTCGAACACCCCTTCGAACACGCGCTTCTAACGGGGCCTCT 284 AACGCCTGTTCAGAGCATCAGCGG CCGCTGATGCTCTGAACAGGCGTTTCGAACAGCGCTTTCAACGCGGG CCGCTGATGCTCTGAACAGGCGTTTCGAACAGCGCTTTCGAACAGCGCTTTCGAACAGCGCTTTCGAACAGCGCTTTCGAACAGCGGCTTTCGAACAGCGCTTTCGAACAGCGCTTTTCGAACAGCGCTTTTGAACAGCGGTTTTGAACAGCGGTTTTGAACAGCGGCTTTTGAACAGCGGCTTTTGAACAGCGGTTTTGAACAGCGGTTTTGAACAGCGCTTTTGAACAGCGGCTTTTGAACAGCGGTTTTGAACAGCGGTTTTGAACAGCGGTTTTGAACAGCGGTTTTGAACAGCGCTTTTGAACAGCGCTTTTGAACAGCGCTTTTGAACAGCGGTTTTGAACAGCGCTTTTGAACAGCGCTTTTGAACAGCGCTTTTGAACAGCGCTTTTGAACAGCGCTTTTGAACAGCGCTTTTGAACAGCGCTTTTGAACAGCGCTTTTGAACAGCGCTTTTGAACAGCGCTTTTGAACAGCGCTTTTGAACAGCGCTTTTGAACAGCGCTTTTGAACAGCGCTTTTGAACAGCA	260	GTCTGCACTCACGCAGCGGAGGGA	TCCCTCCGCTGCGTGAGTGCAGAC
ATGCGCGCTTATCCTAGCATGGTC 264 TCACGTTTTCGTCTCGACATGAGG 265 TGTGCCTCATCCTTAGGATACGGC 266 AGGTGGTGGGGTCAACCGCTTTA 267 CTGGATCGAAGGGCACACCACCT 267 CTGGATCGAAGGGACTGCAAGCTC 268 TAGATCAACTCGCGTACGCATGGA 269 GATCCTGCGAGACGCACCACCCCT 270 TACGTGTGAAGAGAGACGCCCACACCACCACCACCACCACCACCACC	261	GCACGAGTTGGTGCTCGGCAGATT	AATCTGCCGAGCACCAACTCGTGC
TCACGTTTTCGTCTCGACATGAGG 265 TGTGCCTCATCCTTAGGATACGGC GCCGTATCCTAAGGATGAGGCACA 266 AGGTGGTGTGGGTCAACCGCTTTA TAAAGCGGTTGACCCACACCACCT 267 CTGGATCGAAGGGACTGCAAGCTC GAGCTTGCAGTCCATCCATCCAGG 268 TAGATCAACTCGCGTACGCATGGA TCCATGCGTACGCAGGTTGATCTA 269 GATCCTGCGGAGAAGAGAGTGCAG CTGCACTCTTCTTCCCGCAGGATC 270 TACGTGTGGAGATGCCCCGAACCG CGGTTCGGGGCATCTCCACACGT 271 GCGCTATGTCAATCGTGGGCGTAG CTACGCCCACGATTGACATCACCG 272 AGCGAGGTTTCTAGCGTCGACACC GGTGTCGAGCACACCT CTACGCCCACGATTGACATCACGC 273 ACCCAGGTTTTGCCGTTGTGGAAT ATTCCACAACGGCAAAACCTCGCT 274 ACCCAGGTTTTACCGTCGGACACC GGACTACGCCAAAACCTGGGT 275 CCCTGTTAACGGCTGCGTAGTCTC GAGACTACGCAGCCGTTAACAGGG 276 AGGCCGATTTCACCCGCCAATTGC GCAATTGCCGGTGAAAACCTGGCT 277 GAGCCCTCACTCCTTTGCCTTTGA TCAAAGGGCAAGAGTGAGGCTC 278 GGGTGGACATCCGCCTCGCAGTCA TGACTGCGAGGAGTGCCACCC 279 GATGGCTGAGAACCGTGCTACGAT ATCGTAGCACGGTTCCACCCC 280 TCGACGTTAGGAGTCTGCCAGAA TTCTGCAGCACTCCTAACGTCA 281 CGAATGGGTCTGGACCTTGCATAG CTATGCAAGGTCCAGACCCATTCG 282 GTGCACCAGACATTCGACCTTGCATAG CTATGCAAGGTCCAGACCCATTCG 283 AGAGGCCCCGTATATCCCATCCAT ATCGGAGGTCCAGACCCATTCG 284 AACGCCTGTTCAGACCTTGCATAG CTATGCAAGGTCCAGACCCATTCG 285 AAGGCTCAACACGCCTATGTCCC CGCGCAATTCGAACACGGGTTTAACAGGCGTTTCAACAGGCGTT 286 AGTCCGTGTTCCAGACCTTGCCCTTCCACCC CCCCCCCCCC	262	AACGTCGCACGACACGTTCGTC	GACGAACGTGTGTCGTGCGACGTT
265 TGTGCCTCATCCTTAGGATACGGC GCCGTATCCTAAGGATGAGGCACA 266 AGGTGGTGTGGGTCAACCGCTTTA TAAAGCGGTTGACCCACACCACCT 267 CTGGATCGAAGGGACTGCAAGCTC GAGCTTGCAGTCCATCCAG 268 TAGATCAACTCGCGTACGCATGGA TCCATGCGTACGCAGGTTGATCTA 269 GATCCTGCGGAGAAGAGAGTGCAG CTGCACTCTTTCTCCGCAGGATC 270 TACGTGTGGAGATGCCCCGAACCG CGGTTCGGGGCATCTCCACACGTA 271 GCGCTATGTCAATCGTGGGCGTAG CTACGCCACGATTGACATAGCGC 272 AGCGAGGTTTCTAGCGTCGACACC GGTGCACCCACGATTGACATAGCGC 274 ACCCAGGTTTTGCCGTTGTGGAAT ATTCCACAACGGCAAAACCTCGCT 275 CCCTGTTAACGGCTGCGACACC GAGACTACGCAGCCGTTAACAGGG 276 AGGCCGATTTCACCCGCCAATTGC GCAATTGGCGGGTGAAATCGGCCT 277 GAGCCCTCACTCCTTGCCCTTTGA TCAAAGGGCAAGACCTGGCT 278 GGGTGGACATCCGCCTCGCAGTCA TGACTGCGAGGCGATGTCCACCC 279 GATGGCTGAGAACCCTGCTACGAT ATCGTAGCAGCGGATGTCCACCC 279 GATGGCTGAGAACCCTGCTACGAT ATCGTAGCACGGGATTCCACCC 280 TCGACGTTAGGAGTGCTGCCAGAA TTCTGGCAGCACTCCTAACGTCGA 281 CGAATGGGTCTGGACCTTGCATAG CTATGCAAGGTCCAGACCCATTCG 282 GTGCACCAGACATTCGAACTCGGA TCCGAAGGTCCAGACCCATTCG 283 AGAGGCCCGTATATCCCATCCAT ATGGATGGAATGTCTGGTGCAC 284 AACGCCTGTTCAGACTCAGC CCGCTGATACCTCTGAACAGGCGTTTCAACAGGGGCTC 285 AAGGCTCAACACGCCTATGTGCCC GCGCAATAGGCGTTTGAACAGGCGTTTCAACAGGCGTTTCAACACGCGTTCCAACACCCCTTTCAACGCCCTCCTCAACGCCTCTCAACGCCCTCCTCCAACGCCCTCTCAACGCCCCCCCC	263	ATGCGCGCTTATCCTAGCATGGTC	GACCATGCTAGGATAAGCGCGCAT
AGGTGGTGTGGGTCAACCGCTTTA 267 CTGGATCGAAGGGACTGCAAGCTC 268 TAGATCAACTCGCGTACGCATGGA 269 GATCCTGCGGAGAAGAGAGTGCAG 270 TACGTGTGAGACCCGAACCG 271 GCGCTATGTCAATCCGCAACCG 272 AGCGAGGTTTCAACCCGCAACCC 274 ACCCAGGTTTTGCCGTTGTGGAAT 275 CCCTGTTAACGGCTGCGAATCC 276 AGGCCGATTTCACCCGCAATTCC 277 GAGCCCTCACTCTTTCACCGCTTAACAGCGC 278 GGGTGGACATCCCCGAACCC 279 GATCCTGCGTAGTCAATCCTTGCCCTTTGA 270 TACGTGTGAATCCTTGCACACC 271 GCGCTATGTCAATCGTGGGCGTAG 272 AGCGAGGTTTCAGCGTCGACACC 273 ACCCAGGTTTTGCCGTTGTGGAAT 274 ACCCAGGTTTTGCCGTTGTGGAAT 275 CCCTGTTAACGGCTGCGTAGTCTC 276 AGGCCGATTTCACCCGCCAATTGC 277 GAGCCCTCACTCCTTGCCCTTTGA 278 GGGTGGACATCCGCCTCGCAGTCA 279 GATGGCTGAGAACCCTCCCAGTCA 280 TCGACGTTAGGAGTGCTCCAGAT 281 CGAATGGGTCTGGAACCCTCCAACCC 282 GTGCACCAGACATTCGAACCCGGA 283 AGAGGCCCCGTATATCCCATCCAT 284 AACGCCTGTTCAGAGCATCAAT 285 AAGGCTCAACACCGCCTTTGACCTTTTTTCACCCGTTTTTTTCACCCGTTTTTTTT	264	TCACGTTTTCGTCTCGACATGAGG	CCTCATGTCGAGACGAAAACGTGA
267 CTGGATCGAAGGGACTGCAAGCTC 268 TAGATCAACTCGCGTACGCATGGA 269 GATCCTGCGGAGAAGAGAGTGCAG 270 TACGTGTGAGACCCCGAACCG 271 GCGCTATGTCAATCGTGGGCGTAG 272 AGCGAGGTTCTAGCGCACCC 273 ACCAGGTTTCTCCGCAGAACCC 274 ACCCAGGTTTTCCCGCTGGCCT 275 CCCTGTTAACGGCTGGAAT 276 AGCCCGACTCTCTTCACACCGCT 277 GAGCCCTACCTTTCTCCCCCCT 278 GGGTGGACACCC 279 GAGCCCTCACTCTTCACCCGCCAATTGC 270 TACGTCGACACCC 270 ACCAGGTTTTCCCGTTGTGGAAT 271 ACCCAGGTTTTCCCGTTGTGGAAT 272 ACCAGGTTTTCCCGTTGTGGAAT 273 ACCCAGGTTTTCCCCTTTGCCCTTTC 274 ACCAGGTTTCACCCGCCAATTGC 275 CCCTGTTAACGGCTGCCTAGTCC 276 AGCCCTCACTCCTTGCCCTTTGA 277 GAGCCCTCACTCCTTGCCCTTTGA 278 GGGTGGACATCCGCCCCAGTCA 279 GATGGCTGAGAACCGTGCTACGAT 280 TCGACGTTAGGAGTCTCCAGAC 281 CGAATGGGTCTGCACAGA 281 CGAATGGGTCTGGACCTTGCATAG 282 GTGCACCAGACATTCGAACTCGGA 283 AGAGGCCCCGTATATCCCATCCAT 284 AACGCCTGTTCAGAGCATCATCATCAGATCAGACCCATTCG 285 AAGGCTCAACACGCCTATGTGCCC 286 AGTCCGTTTCAGAGCATCAGCGG CCGCTGATGCTCTGAACAGGCGTT 287 AACGCCTGTTCAGAGCCTTCCATCCAT 288 AACGCCTGTTCAGAGCCTTCCATCATCCATCATCCATCCA	265	TGTGCCTCATCCTTAGGATACGGC	GCCGTATCCTAAGGATGAGGCACA
268 TAGATCAACTCGCGTACGCATGGA TCCATGCGTACGCGAGTTGATCTA 269 GATCCTGCGGAGAAGAGAGTGCAG CTGCACTCTCTTCTCCGCAGGATC 270 TACGTGTGGAGATGCCCCGAACCG CGGTTCGGGGCATCTCCACACGTA 271 GCGCTATGTCAATCGTGGGCGTAG CTACGCCCACGATTGACATAGCGC 272 AGCGAGGTTTCTAGCGTCGACACC GGTGTCGACGCTAGAAACCTCGCT 274 ACCCAGGTTTTGCCGTTGTGGAAT ATTCCACAACGGCAAAACCTGGGT 275 CCCTGTTAACGGCTGAGTCTC GAGACTACGCAGCCGTTAACAGGG 276 AGGCCGATTTCACCCGCCAATTGC GCAATTGGCGGGTGAAATCCGGCCT 277 GAGCCCTCACTCCTTGCCCTTTGA TCAAAGGGCAAGGAGTGAGGGCTC 278 GGGTGGACATCCGCCTCGCAGTCA TGACTGCGAGGCGGATGTCCACCC 279 GATGGCTGAGAACCGTGCTACGAT ATCGTAGCACGGTTCTCAGCCATC 280 TCGACGTTAGGAGTGCTGCCAGAA TTCTGGCAGCACTCCTAACGTCGA 281 CGAATGGGTCTGGACCTTGCATAG CTATGCAAGGTCCAGCCCATTCG 282 GTGCACCAGACATTCGAACTCGGA TCCGAGTTCGAACCCATTCG 283 AGAGGCCCCGTATATCCCATCCAT ATGGATGGGATATACGGGGCCTCT 284 AACGCCTGTTCAGAGCATCAGCG CCGCTGATGCTCTGAACAGGCGTT 285 AAGGCTCAACACGCCTATGTGCGC CGAGCCCAATCTGGACCTTTCAGCCCTT 286 AGTCCGTGTTGCCAGATTTGGCGC CCGCCCAATCTGGCACCTTTCAGCCCTTTCAGCCCTTCAACGTCGACCCTTTCAGCCCTCCTTCAGCCCTCCTTCCAGCCCTCCTTCCAGCCCCCCCTCCTTCCAGCCCCCCCC	266	AGGTGGTGGGTCAACCGCTTTA	TAAAGCGGTTGACCCACACCACCT
269 GATCCTGCGGAGAAGAGTGCAG CTGCACTCTCTCTCCGCAGGATC 270 TACGTGTGAGATGCCCCGAACCG CGGTTCGGGGCATCTCCACACGTA 271 GCGCTATGTCAATCGTGGGCGTAG CTACGCCCACGATTGACATAGCGC 272 AGCGAGGTTTCTAGCGTCGACACC GGTGTCGACGCTAGAAACCTCGCT 274 ACCCAGGTTTGCCGTTGTGGAAT ATTCCACAACGGCAAAACCTGGGT 275 CCCTGTTAACGGCTGCGTAGTCTC GAGACTACGCAGCCGTTAACAGGG 276 AGGCCGATTTCACCCGCCAATTGC GCAATTGGCGGGTGAAATCGGCCT 277 GAGCCCTCACTCCTTGCCCTTTGA TCAAAGGGCAAGAGTGAGGGCTC 278 GGGTGGACATCCGCCTCGCAGTCA TGACTGCGAGGCGGATGTCCACCC 279 GATGGCTGAGAACCGTGCTACGAT ATCGTAGCACGGTTCTCAGCCATC 280 TCGACGTTAGGAGTGCTGCCAGAA TTCTGGCAGCACTCCTAACGTCGA 281 CGAATGGGTCTGGACCTTGCATAG CTATGCAAGGTCCAGACCCATTCG 282 GTGCACCAGACATTCGAACTCGGA TCCGAGTTCGAACTCTGGTGCAC 283 AGAGGCCCCGTATATCCCATCCAT ATGGATGGGATATACGGGGCCTCT 284 AACGCCTGTTCAGAGCATCAGCG CCGCTGATGCTCTGAACAGGCGTT 285 AAGGCTCAACACGCCTATGTGCCC GCGCCAATCTGGCAACACGGGTTTGAGCCTT 286 AGTCCGTGTTGCCAGATTGGCTCC CGAGCCAATCTGGCAACACGGGCTT	267	CTGGATCGAAGGGACTGCAAGCTC	GAGCTTGCAGTCCCTTCGATCCAG
TACGTGTGGAGATGCCCCGAACCG CGGTTCGGGGCATCTCCACACGTA CT1 GCGCTATGTCAATCGTGGGCGTAG CTACGCCCACGATTGACATAGCGC CT27 AGCGAGGTTTCTAGCGTCGACACC GGTGTCGACGCTAGAAACCTCGCT CT4 ACCCAGGTTTTGCCGTTGTGGAAT ATTCCACAACGGCAAAACCTGGGT CCCTGTTAACGGCTGCGTAGTCTC GAGACTACGCAGCCGTTAACAGGG CCCTGTTAACGGCTGCGTAGTCTC GAGACTACGCAGCCGTTAACAGGG CT5 AGGCCGATTTCACCCGCCAATTGC GCAATTGGCGGGTGAAATCGGCCT CT7 GAGCCCTCACTCCTTGCCCTTTGA TCAAAGGGCAAGAGTGAGGGCTC CT8 GGGTGGACATCCGCCTCGCAGTCA TGACTGCGAGGCGGATGTCCACCC CT9 GATGGCTGAGAACCGTGCTACGAT ATCGTAGCACGGTTCTCAGCCATC CTGACGTTAGGAGTGCTGCCAGAA TTCTGGCAGCACTCCTAACGTCGA CTATGCAAGGTCCAGACCCTTCGATAG CTATGCAAGGTCCAGACCCATTCG CTATGCAAGGTCCAGACCTTCGAACTCGGA TCCGAGTTCGAACTCTGGTGCAC CTATGCAAGGTCCAGACCTTCGAACTCGGA TCCGAGTTCGAACTCTGGTGCAC CTATGCAAGGTCCAGACCCTTCTCATCGAACTCGGA TCCGAGTTCGAATGTCTGGTGCAC CTATGCAAGGTCCAGACCCTTTCTAACACGCGGCCTCTT CTATGCAAGGTCCAGACCCTTTCGAACTCGGA TCCGAGTTCGAATGTCTGGTGCAC CTATGCAAGGTCCAGACCCTTTCGAACTCGGA TCCGAGTTCGAATGTCTGGTGCAC CTATGCAAGGTCCTGAACACGGGCCTCTT CTATGCAAGGTCCTGAACAGGCGTTTCAACAGGCGTTTCAACAGGCGTTTCAACAGGCGTTTCAACAGGCGTTTCAACACGCGTTTCAACAGGCGTTTCAACAGGCGTTTCAACACGCGTTTCAACACGCGTTTCAACACGCGTTTCAACACGCGTTTCAACACGCGTTTCAACACGCGTTTCAACACGCGTTTCAACACGCGTTTTCAACACGCGTTTTCAACACGCGTTTCAACACGCGTTTCAACACGCGTTTCAACACGCGTTTCAACACGCGTTTCAACACGCGTTTCAACACGCGTTTCAACACGCGTTTCAACACGCGTTTCAACACGCGTTTCAACACGCGTTTCAACACGCGTTTCAACACGCGTTTCAACACGCGTTTCAACACGCGTTTCAACACGCGTTTCAACACGCCTTTTCAACACGCGTTTCAACACGCGTTTCAACACGCGTTTCAACACGCGTTTCAACACGCGTTTCAACACACCACACACA	268	TAGATCAACTCGCGTACGCATGGA	TCCATGCGTACGCGAGTTGATCTA
271 GCGCTATGTCAATCGTGGGCGTAG CTACGCCCACGATTGACATAGCGC 272 AGCGAGGTTTCTAGCGTCGACACC GGTGTCGACGCTAGAAACCTCGCT 274 ACCCAGGTTTTGCCGTTGTGGAAT ATTCCACAACGGCAAAACCTGGGT 275 CCCTGTTAACGGCTGCGTAGTCTC GAGACTACGCAGCCGTTAACAGGG 276 AGGCCGATTTCACCCGCCAATTGC GCAATTGGCGGGTGAAATCGGCCT 277 GAGCCCTCACTCCTTGCCCTTTGA TCAAAGGGCAAGGAGTGAGGGCTC 278 GGGTGGACATCCGCCTCGCAGTCA TGACTGCGAGGCGGATGTCCACCC 279 GATGGCTGAGAACCGTGCTACGAT ATCGTAGCACGGTTCTCAGCCATC 280 TCGACGTTAGGAGTGCTGCCAGAA TTCTGGCAGCACTCCTAACGTCGA 281 CGAATGGGTCTGCACATAG CTATGCAAGGTCCAGACCCATTCG 282 GTGCACCAGACATTCGAACTCGGA TCCGAGTTCGAATGTCTGGTGCAC 283 AGAGGCCCCGTATATCCCATCCAT ATGGATGGGATATACGGGGCCTCT 284 AACGCCTGTTCAGAGCATCAGCGG CCGCTGATGCTCTGAACAGGCGTT 285 AAGGCTCAACACGCCTATGTGCGC CCGCGCAACATCTGGCAACACGGCCTT	269	GATCCTGCGGAGAAGAGAGTGCAG	CTGCACTCTCTCTCCGCAGGATC
AGCGAGGTTTCTAGCGTCGACACC GGTGTCGACGCTAGAAACCTCGCT ACCCAGGTTTTGCCGTTGTGGAAT ATTCCACAACGGCAAAACCTGGGT CCTGTTAACGGCTGCGTAGTCTC GAGACTACGCAGCCGTTAACAGGG AGGCCGATTTCACCCGCCAATTGC GCAATTGGCGGTGAAATCGGCCT GAGCCCTCACTCCTTGCCCTTTGA TCAAAGGGCAAGGAGTGAGGGCTC GAGGCGTGAGACCCTCGCAGTCA TGACTGCGAGGCGGATGTCCACCC ATGCTGAGAACCGTGCTACGAT ATCGTAGCACGGTTCTCAGCCATC ATCGTAGCACGGTTCTCAGCCATC CGAATGGGTCTGGACCTTGCATAG CTATGCAAGGTCCAGACCCATCG CGAATGGGTCTGGACCTTGCATAG CTATGCAAGGTCCAGACCCATTCG CGAGGTCAGACCATCCGAA TCCGAGTTCGAACTCGGA CGAATGGGTCTGGACCTTGCATAG CTATGCAAGGTCCAGACCCATTCG CGAGGTCCGAACACTCCGAACTCCGAA TCCGAGTTCGAATGTCTGGTGCAC CGAGCCCCGTATATCCCATCCAT ATGGATGGGATATACGGGGCCTCT CGAGCTCTAACACGCCGCTCTCGAACACGCGCTTCGAACACGCGTTTCAGACACACGCCTTCGAACACGCGCTTCGAACACGCGCTTCGAACACGCGCTTCGAACACGCGCTTCGAACACGCCCTTTCAGACCCCTATGTGCGCC CCGCTGATGCTCTGAACAGGCGTT CGAGCCCAATCTGCAACACCGCCTATGTGCCCC CCGCGCCAATCTGGCAACACGGCCTT CGAGCCCAATCTGGCAACACCGCCTTTCAGACACACGCCCTTCCAACACACGCCCTTCCAACACACCGCCTTTCAGACACACGCCTTCCAACACACCGCCTTTCAGACACACGCCTTCCCCCCCC	270	TACGTGTGGAGATGCCCCGAACCG	CGGTTCGGGGCATCTCCACACGTA
274 ACCCAGGTTTTGCCGTTGTGGAAT ATTCCACAACGGCAAAACCTGGGT 275 CCCTGTTAACGGCTGCGTAGTCTC GAGACTACGCAGCCGTTAACAGGG 276 AGGCCGATTTCACCCGCCAATTGC GCAATTGGCGGGTGAAATCGGCCT 277 GAGCCCTCACTCCTTGCCCTTTGA TCAAAGGGCAAGGAGTGAGGGCTC 278 GGGTGGACATCCGCCTCGCAGTCA TGACTGCGAGGCGGATGTCCACCC 279 GATGGCTGAGAACCGTGCTACGAT ATCGTAGCACGGTTCTCAGCCATC 280 TCGACGTTAGGAGTGCTGCCAGAA TTCTGGCAGCACTCCTAACGTCGA 281 CGAATGGGTCTGGACCTTGCATAG CTATGCAAGGTCCAGACCCATTCG 282 GTGCACCAGACATTCGAACTCGGA TCCGAGTTCGAATGTCTGGTGCAC 283 AGAGGCCCCGTATATCCCATCCAT ATGGATGGGATATACGGGGCCTCT 284 AACGCCTGTTCAGAGCATCAGCGG CCGCTGATGCTCTGAACAGGCGTT 285 AAGGCTCAACACGCCTATGTGCGC GCGCACATCTGGCAACACGGACT	271	GCGCTATGTCAATCGTGGGCGTAG	CTACGCCCACGATTGACATAGCGC
275 CCCTGTTAACGGCTGCGTAGTCTC GAGACTACGCAGCCGTTAACAGGG 276 AGGCCGATTTCACCCGCCAATTGC GCATTTGGCGGGTGAAATCGGCCT 277 GAGCCCTCACTCCTTGCCCTTTGA TCAAAGGGCAAGGAGTGAGGGCTC 278 GGGTGGACATCCGCCTCGCAGTCA TGACTGCGAGGCGGATGTCCACCC 279 GATGGCTGAGAACCGTGCTACGAT ATCGTAGCACGGTTCTCAGCCATC 280 TCGACGTTAGGAGTGCTGCCAGAA TTCTGGCAGCACTCCTAACGTCGA 281 CGAATGGGTCTGGACCTTGCATAG CTATGCAAGGTCCAGACCCATTCG 282 GTGCACCAGACATTCGAACTCGGA TCCGAGTTCTGAATGTCTGGTGCAC 283 AGAGGCCCCGTATATCCCATCCAT ATGGATGGGATATACGGGGCCTCT 284 AACGCCTGTTCAGAGCATCAGCG CCGCTGATGCTCTGAACAGGCGTT 285 AAGGCTCAACACGCCTATGTGCGC GCGCACATCTGGCAACACGGCCTT 286 AGTCCGTGTTGCCAGATTGGCTCG CGAGCCAATCTGGCAACACGGACT	272	AGCGAGGTTTCTAGCGTCGACACC	GGTGTCGACGCTAGAAACCTCGCT
276 AGGCCGATTTCACCCGCCAATTGC GCAATTGGCGGTGAAATCGGCCT 277 GAGCCCTCACTCCTTGCCCTTTGA TCAAAGGGCAAGGAGTGAGGGCTC 278 GGGTGGACATCCGCCTCGCAGTCA TGACTGCGAGGCGGATGTCCACCC 279 GATGGCTGAGAACCGTGCTACGAT ATCGTAGCACGGTTCTCAGCCATC 280 TCGACGTTAGGAGTGCTGCCAGAA TTCTGGCAGCACTCCTAACGTCGA 281 CGAATGGGTCTGGACCTTGCATAG CTATGCAAGGTCCAGACCCATTCG 282 GTGCACCAGACATTCGAACTCGGA TCCGAGTTCGAATGTCTGGTGCAC 283 AGAGGCCCCGTATATCCCATCCAT ATGGATGGGATATACGGGGCCTCT 284 AACGCCTGTTCAGAGCATCAGCG CCGCTGATGCTCTGAACAGGCGTT 285 AAGGCTCAACACGCCTATGTGCGC GCGCACATAGGCGTGTTGAGCCTT 286 AGTCCGTGTTGCCAGATTGGCTCG CGAGCCAATCTGGCAACACGGACT	274	ACCCAGGTTTTGCCGTTGTGGAAT	ATTCCACAACGGCAAAACCTGGGT
277 GAGCCCTCACTCCTTGCCCTTTGA TCAAAGGGCAAGGAGTGAGGGCTC 278 GGGTGGACATCCGCCTCGCAGTCA TGACTGCGAGGCGGATGTCCACCC 279 GATGGCTGAGAACCGTGCTACGAT ATCGTAGCACGGTTCTCAGCCATC 280 TCGACGTTAGGAGTGCTGCCAGAA TTCTGGCAGCACTCCTAACGTCGA 281 CGAATGGGTCTGGACCTTGCATAG CTATGCAAGGTCCAGACCCATTCG 282 GTGCACCAGACATTCGAACTCGGA TCCGAGTTCGAATGTCTGGTGCAC 283 AGAGGCCCCGTATATCCCATCCAT ATGGATGGGATATACGGGGCCTCT 284 AACGCCTGTTCAGAGCATCAGCG CCGCTGATGCTCTGAACAGGCGTT 285 AAGGCTCAACACGCCTATGTGCGC GCGCACATAGGCGTGTTGAGCCTT 286 AGTCCGTGTTGCCAGATTGGCTCG CGAGCCAATCTGGCAACACGGACT	275	CCCTGTTAACGGCTGCGTAGTCTC	GAGACTACGCAGCCGTTAACAGGG
278 GGGTGACATCCGCCTCGCAGTCA TGACTGCGAGGCGGATGTCCACCC 279 GATGGCTGAGAACCGTGCTACGAT ATCGTAGCACGGTTCTCAGCCATC 280 TCGACGTTAGGAGTGCTGCCAGAA TTCTGGCAGCACTCCTAACGTCGA 281 CGAATGGGTCTGGACCTTGCATAG CTATGCAAGGTCCAGACCCATTCG 282 GTGCACCAGACATTCGAACTCGGA TCCGAGTTCGAATGTCTGGTGCAC 283 AGAGGCCCCGTATATCCCATCCAT ATGGATGGGATATACGGGGCCTCT 284 AACGCCTGTTCAGAGCATCAGCG CCGCTGATGCTCTGAACAGGCGTT 285 AAGGCTCAACACGCCTATGTGCGC GCGCACATAGGCGTGTTGAGCCTT 286 AGTCCGTGTTGCCAGATTGGCTCG CGAGCCAATCTGGCAACACGGACT	276	AGGCCGATTTCACCCGCCAATTGC	GCAATTGGCGGGTGAAATCGGCCT
279 GATGGCTGAGAACCGTGCTACGAT ATCGTAGCACGGTTCTCAGCCATC 280 TCGACGTTAGGAGTGCTGCCAGAA TTCTGGCAGCACTCCTAACGTCGA 281 CGAATGGGTCTGGACCTTGCATAG CTATGCAAGGTCCAGACCCATTCG 282 GTGCACCAGACATTCGAACTCGGA TCCGAGTTCGAATGTCTGGTGCAC 283 AGAGGCCCCGTATATCCCATCCAT ATGGATGGGATATACGGGGCCTCT 284 AACGCCTGTTCAGAGCATCAGCGG CCGCTGATGCTCTGAACAGGCGTT 285 AAGGCTCAACACGCCTATGTGCGC GCGCACATAGGCGTGTTGAGCCTT 286 AGTCCGTGTTGCCAGATTGGCTCG CGAGCCAATCTGGCAACACGGACT	277	GAGCCCTCACTCCTTGCCCTTTGA	TCAAAGGGCAAGGAGTGAGGGCTC
280 TCGACGTTAGGAGTGCTGCCAGAA TTCTGGCAGCACTCCTAACGTCGA 281 CGAATGGGTCTGGACCTTGCATAG CTATGCAAGGTCCAGACCCATTCG 282 GTGCACCAGACATTCGAACTCGGA TCCGAGTTCGAATGTCTGGTGCAC 283 AGAGGCCCCGTATATCCCATCCAT ATGGATGGGATATACGGGGCCTCT 284 AACGCCTGTTCAGAGCATCAGCGG CCGCTGATGCTCTGAACAGGCGTT 285 AAGGCTCAACACGCCTATGTGCGC GCGCACATAGGCGTGTTGAGCCTT 286 AGTCCGTGTTGCCAGATTGGCTCG CGAGCCAATCTGGCAACACGGACT	278	GGGTGGACATCCGCCTCGCAGTCA	TGACTGCGAGGCGGATGTCCACCC
281 CGAATGGGTCTGGACCTTGCATAG CTATGCAAGGTCCAGACCCATTCG 282 GTGCACCAGACATTCGAACTCGGA TCCGAGTTCGAATGTCTGGTGCAC 283 AGAGGCCCCGTATATCCCATCCAT ATGGATGGGATATACGGGGCCTCT 284 AACGCCTGTTCAGAGCATCAGCGG CCGCTGATGCTCTGAACAGGCGTT 285 AAGGCTCAACACGCCTATGTGCGC GCGCACATAGGCGTGTTGAGCCTT 286 AGTCCGTGTTGCCAGATTGGCTCG CGAGCCAATCTGGCAACACGGACT	279	GATGGCTGAGAACCGTGCTACGAT	ATCGTAGCACGGTTCTCAGCCATC
282 GTGCACCAGACATTCGAACTCGGA TCCGAGTTCGAATGTCTGGTGCAC 283 AGAGGCCCCGTATATCCCATCCAT ATGGATGGGATATACGGGGCCTCT 284 AACGCCTGTTCAGAGCATCAGCGG CCGCTGATGCTCTGAACAGGCGTT 285 AAGGCTCAACACGCCTATGTGCGC GCGCACATAGGCGTGTTGAGCCTT 286 AGTCCGTGTTGCCAGATTGGCTCG CGAGCCAATCTGGCAACACGGACT	280	TCGACGTTAGGAGTGCTGCCAGAA	TTCTGGCAGCACTCCTAACGTCGA
283 AGAGGCCCGTATATCCCATCCAT ATGGATGGGATATACGGGGCCTCT 284 AACGCCTGTTCAGAGCATCAGCGG CCGCTGATGCTCTGAACAGGCGTT 285 AAGGCTCAACACGCCTATGTGCGC GCGCACATAGGCGTGTTGAGCCTT 286 AGTCCGTGTTGCCAGATTGGCTCG CGAGCCAATCTGGCAACACGGACT	281	CGAATGGGTCTGGACCTTGCATAG	CTATGCAAGGTCCAGACCCATTCG
284 AACGCCTGTTCAGAGCATCAGCGG CCGCTGATGCTCTGAACAGGCGTT 285 AAGGCTCAACACGCCTATGTGCGC GCGCACATAGGCGTGTTGAGCCTT 286 AGTCCGTGTTGCCAGATTGGCTCG CGAGCCAATCTGGCAACACGGACT	282	GTGCACCAGACATTCGAACTCGGA	TCCGAGTTCGAATGTCTGGTGCAC
285 AAGGCTCAACACGCCTATGTGCGC GCGCACATAGGCGTGTTGAGCCTT 286 AGTCCGTGTTGCCAGATTGGCTCG CGAGCCAATCTGGCAACACGGACT		AGAGGCCCCGTATATCCCATCCAT	ATGGATGGGATATACGGGGCCTCT
286 AGTCCGTGTTGCCAGATTGGCTCG CGAGCCAATCTGGCAACACGGACT	284	AACGCCTGTTCAGAGCATCAGCGG	CCGCTGATGCTCTGAACAGGCGTT
286 AGTCCGTGTTGCCAGATTGGCTCG CGAGCCAATCTGGCAACACGGACT	285	AAGGCTCAACACGCCTATGTGCGC	GCGCACATAGGCGTGTTGAGCCTT
287 ATGTCCCATGTAAAGACGCGTGTG CACACGCGTCTTTACATGGGACAT	286	AGTCCGTGTTGCCAGATTGGCTCG	CGAGCCAATCTGGCAACACGGACT
	287	ATGTCCCATGTAAAGACGCGTGTG	CACACGCGTCTTTACATGGGACAT

ATGGAGTCTGCTCACGCCCAAAGG CCTTTGGGCGTGAGCAGACTCCA 289 CGGCCTCCAACAAGGAGCACTAAC GTTAGTGCTCCTTGTTGGAGGCCC 290 CAGAGCCGTGGCAACATTGCGAGC GCTCGCAATGTTGCCACGGCTCT 291 TCATTTGAATGAGGTGCGCACCGG CCGGTGCGCACCTCATTCAAATG. 292 GACGTACCGGAAGCGCCGTATAAA TTTATACGGCGCTTCCGGTACGTC 293 ATGCGAGCAATGGGATCCGGATTC GAATCCGGATCCCATTGCTCGCACCCCCCCCCC
290 CAGAGCCGTGGCAACATTGCGAGC GCTCGCAATGTTGCCACGGCTCT 291 TCATTTGAATGAGGTGCGCACCGG CCGGTGCGCACCTCATTCAAATG. 292 GACGTACCGGAAGCGCCGTATAAA TTTATACGGCGCTTCCGGTACGTC 293 ATGCGAGCAATGGGATCCGGATTC GAATCCGGATCCCATTGCTCGCA 294 AGAGTGAGGCCTCCCTGACCAGTG CACTGGTCAGGGAGGCCTCACTC 295 CGCACCGTAAGTAGATTTGCCCGC GCGGGCAAATCTACTTACGGTGC 297 TGAACCTTTGAGCACGTCGTGCGC GCGCACGACGTGCTCAAAGGTTC 298 TCCGCCTTTTTGGTTACCTCGAAG CTTCGAGGTAACCAAAAAGGCGG 299 GAACGCCAACGGCACTAACACATC GATGTGTTAGTGCCGTTGGCGTTC 300 CCGACAGCAGCCCAAGACGTCCCAG CTGGGACGTCTTGGCTGTCG 302 CATAAAAAAACCTGGGGGCTCTGCG CGCAGAGCCCCAGGTTTTTTTTATC
291 TCATTTGAATGAGGTGCGCACCGG CCGGTGCGCACCTCATTCAAATGA 292 GACGTACCGGAAGCGCCGTATAAA TTTATACGGCGCTTCCGGTACGTG 293 ATGCGAGCAATGGGATCCGGATTC GAATCCGGATCCCATTGCTCGCA 294 AGAGTGAGGCCTCCCTGACCAGTG CACTGGTCAGGGAGGCCTCACTG 295 CGCACCGTAAGTAGATTTGCCCGC GCGGCAAATCTACTTACGGTGC 297 TGAACCTTTGAGCACGTCGTGCGC GCGCACGACGTGCTCAAAGGTTC 298 TCCGCCTTTTTGGTTACCTCGAAG CTTCGAGGTAACCAAAAAGGCGG 299 GAACGCCAACGGCACTAACACATC GATGTGTTAGTGCCGTTGGCGTTC 300 CCGACAGCAGCCAAGACGTCCCAG CTGGGACGTCTTGGCTGTCG 302 CATAAAAAAACCTGGGGCTCTGCG CGCAGAGCCCCAGGTTTTTTTTATC
292 GACGTACCGGAAGCGCCGTATAAA TTTATACGGCGCTTCCGGTACGTC 293 ATGCGAGCAATGGGATCCGGATTC GAATCCGGATCCCATTGCTCGCAC 294 AGAGTGAGGCCTCCCTGACCAGTG CACTGGTCAGGGAGGCCTCACTC 295 CGCACCGTAAGTAGATTTGCCCGC GCGGGCAAATCTACTTACGGTGC 297 TGAACCTTTGAGCACGTCGTGCGC GCGCACGACGTGCTCAAAGGTTC 298 TCCGCCTTTTTGGTTACCTCGAAG CTTCGAGGTAACCAAAAAGGCGG 299 GAACGCCAACGGCACTAACACATC GATGTGTTAGTGCCGTTGGCGTTC 300 CCGACAGCAGCCAAGACGTCCCAG CTGGGACGTCTTGGCTGTCG 302 CATAAAAAAACCTGGGGGCTCTGCG CGCAGAGCCCCAGGTTTTTTTATC
293 ATGCGAGCAATGGGATCCGGATTC GAATCCGGATCCCATTGCTCGCATCGCA
294 AGAGTGAGGCCTCCCTGACCAGTG CACTGGTCAGGGAGGCCTCACTC 295 CGCACCGTAAGTAGATTTGCCCGC GCGGCAAATCTACTTACGGTGC 297 TGAACCTTTGAGCACGTCGTGCGC GCGCACGACGTGCTCAAAGGTTC 298 TCCGCCTTTTTGGTTACCTCGAAG CTTCGAGGTAACCAAAAAGGCGG 299 GAACGCCAACGGCACTAACACATC GATGTGTTAGTGCCGTTGGCGTTC 300 CCGACAGCAGCCAAGACGTCCCAG CTGGGACGTCTTGGCTGTCG 302 CATAAAAAAACCTGGGGCTCTGCG CGCAGAGCCCCAGGTTTTTTTATC
295 CGCACCGTAAGTAGATTTGCCCGC GCGGGCAAATCTACTTACGGTGC 297 TGAACCTTTGAGCACGTCGTGCGC GCGCACGACGTGCTCAAAGGTTC 298 TCCGCCTTTTTGGTTACCTCGAAG CTTCGAGGTAACCAAAAAGGCGG 299 GAACGCCAACGGCACTAACACATC GATGTGTTAGTGCCGTTGGCGTTC 300 CCGACAGCAGCCAAGACGTCCCAG CTGGGACGTCTTGGCTGTCG 302 CATAAAAAAACCTGGGGCTCTGCG CGCAGAGCCCCAGGTTTTTTTATC
297 TGAACCTTTGAGCACGTCGTGCGC GCGCACGACGTGCTCAAAGGTTC 298 TCCGCCTTTTTGGTTACCTCGAAG CTTCGAGGTAACCAAAAAGGCGG 299 GAACGCCAACGGCACTAACACATC GATGTGTTAGTGCCGTTGGCGTTC 300 CCGACAGCAGCCAAGACGTCCCAG CTGGGACGTCTTGGCTGTCG 302 CATAAAAAAACCTGGGGCTCTGCG CGCAGAGCCCCAGGTTTTTTTATC
298 TCCGCCTTTTTGGTTACCTCGAAG CTTCGAGGTAACCAAAAAGGCGG 299 GAACGCCAACGGCACTAACACATC GATGTGTTAGTGCCGTTGGCGTTC 300 CCGACAGCAGCCAAGACGTCCCAG CTGGGACGTCTTGGCTGCTGCG 302 CATAAAAAAACCTGGGGCTCTGCG CGCAGAGCCCCAGGTTTTTTTATC
299 GAACGCCAACGGCACTAACACATC GATGTGTTAGTGCCGTTGGCGTTG 300 CCGACAGCCGAGACGTCCCAG CTGGGACGTCTTGGCTGCG 302 CATAAAAAAACCTGGGGCTCTGCG CGCAGAGCCCCAGGTTTTTTTATC
300 CCGACAGCCAAGACGTCCCAG CTGGGACGTCTTGGCTGCTGCG 302 CATAAAAAAACCTGGGGCTCTGCG CGCAGAGCCCCAGGTTTTTTATC
302 CATAAAAAACCTGGGGCTCTGCG CGCAGAGCCCCAGGTTTTTTTATC
303 TGCCAACTGTGCAGACCGGACTTA TAAGTCCGGTCTGCACAGTTGGC
304 GGCGAAAGAGCGAAACCGGCTCGT ACGAGCCGGTTTCGCTCTTTCGC
305 GGGATGCGTATTTTAGCGAACACG CGTGTTCGCTAAAATACGCATCCC
306 TGGGATTCAGCGACCAGTACGCGA TCGCGTACTGGTCGCTGAATCCC
307 CCCGATATTCGCCCGGCCTATTCG CGAATAGGCCGGGCGAATATCGG
308 CGAGAAGATGCCTCACGCAACCAA TTGGTTGCGTGAGGCATCTTCTCC
309 AACCTTGACCCGTGGATGACGCTA TAGCGTCATCCACGGGTCAAGGT
310 GGCTAGACGATGGATACCCGTGCC GGCACGGGTATCCATCGTCTAGC
311 GCCTCTTCTCGACGATGCGATTTT AAAATCGCATCGTCGAGAAGAGG
312 GCTTCCGGATGAACGGGATGGTTG CAACCATCCCGTTCATCCGGAAG
313 CCCTCCATGTTCTTCGAACGGTTT AAACCGTTCGAAGAACATGGAGG
314 TTGATGGGCGGCAATGCTCTTGCT AGCAAGAGCATTGCCGCCCATCA
315 ATTGTGAGATGCGCCAAATTCCCC GGGGAATTTGGCGCATCTCACAA
316 TCAGCACAGCCAGACGGTCAACTT AAGTTGACCGTCTGGCTGTGCTG
317 ACTCCACTCCTCGGTGGCAAACTA TAGTTTGCCACCGAGGAGTGGAG
318 TCTGGGCATGCCTGGACGGAGACG CGTCTCCGTCCAGGCATGCCCAG
319 TCTCAACTCCGGTACGACGAAACA TGTTTCGTCGTACCGGAGTTGAG
320 TTGCGTGGTCAAAGGCGCAACGTG CACGTTGCGCCTTTGACCACGCA
321 AGACAGCGATCCGCGGCTCATGAT ATCATGAGCCGCGGATCGCTGTC
322 CGCGTCTCTAACTGAGAGCAGCCA TGGCTGCTCTCAGTTAGAGACGC
323 AGGCGCACATGTACGGACATTCAG CTGAATGTCCGTACATGTGCGCC
324 GATGAGTGGCACGTCGGTGTGTAA TTACACACCGACGTGCCACTCATC
325 TGATCCATATTGTCGGACGTTGCG CGCAACGTCCGACAATATGGATC
326 ACCTGCCGGGAGTTCATAGGCTAG CTAGCCTATGAACTCCCGGCAGG
327 AGCATTGGCGTTTTTCCGCAACGA TCGTTGCGGAAAAACGCCAATGC



328 GATAATATICAGCGGACCGCTAA 329 ATAGCGTACGACGAGGTGACGCGC 329 ATAGCGTACGACGAGGTGACGCGC 331 TAGGTCACGATGCGTTTGACGCTA 332 ACTGCCCGTACCTCTGGTTCTGGC 332 ACTGCCCGTACCTCTGGTTCTGGC 333 ACTGCCCGTACCTCTGGTTCTGGC 334 CCTTTGGCCTGAAGTTGTCGTAGC 335 GTGCCCCACGAGCGTATCGTTGTA 336 AGGCGCTACGTGGGCCTGGAGCAA 337 GGTGCCCCACGAGCGTATCGTTGTA 338 ACCACGGAGCTATCGTTGAT 339 CCATGATGCTTCATTAGTCCG 338 ACCACGCGCGTACCTTGATTAGTCCG 338 ACCACGCGCGTACCTTGATTAGTCCG 339 CCATGATGCTACACTTGATTAGTCCG 330 CCATGATGCATTGATTAGTCCG 331 CCGTTGACCACTTGCATTAGTCCG 332 GGTCCTACCATTGCATTAGTCCG 333 ACCACGCCGTACGTTACCCAGC 334 CCTTGATTACACCACCCAATGCATCAGCCCC 335 ACCACGCCGTACGTTACCCAGC 340 GGTCCGCCCTACGAAACGTTCGA 341 CCGTGTGGCTGGAGATTCGTTGA 342 GTTAGGGCCACCACTACGAACACGTTCGA 343 GGGTCAGTAGGATTTGGTGTGA 344 GCCGTGAGAATCGATGGA 345 GCCACCACCCACGACACACTGA 346 GCCCTACGAAACGACACACA 347 GCCACCACCCAGGAACTCGA 348 GCCCACCACCCAGGACACATTAGGGCC 349 GCCACCACCCAGGACACATTAGGGCC 340 GCCACCACCCAGGACACATTAGGGCC 341 TGTTTGCCGCCATTAGGGAC 342 GTTAGGGCGACGCATTAGGGC 343 GCCACCACCCAGGGATTCAGGTA 344 GCCGTGAAGTCGAGTACGAGTAC 345 GCCACCACCCAGGGCATTCAGGGC 346 GAGCTTAGTTTGCGGTCATCGGGC 347 TGTTTGCCGCCATTAGGGACTAAC 348 GCCCCCACTGCATTAGGGACTAAC 349 GGGTAGCATGCGGTCTTAGGGC 340 GGGTAGCATGCGGGCCTTACGGGC 341 TGTTGCCGCCATTAGGGACTAAC 342 GGGTAGCATGCAGGTACAC 343 GGCCACCACCCAGGGACCACCACGGACCACCGAACTAACGCAC 344 GCCGTAGACTGCAGCACACCACGGACCACCCGCAAACTAACGCCC 345 TGTTGCGCCCATTAGGGACTAAC 346 GAGCTTAGTTTGCCGCACACCACGGACCACCCGCAAACTAACGCCC 347 TGTTTGCCGCCATTAGGGACTAAC 348 GCCCCCCACTGCACTTTCACGGC 349 GGGTAGCATGCGACACCCCTGTTA 340 CGGTAGCACTGCACCACGCACACCACGCGAACTACCACGCGAACCACGCACACCACGCACACCACGCACACCCACGCACACCAC	200	LOCTA ATATTCA CCCCCA CCCCTCA	TCACCGCTCCCCTCAATATTACC
331 TAGGTCACGATGCGTTTGACGCTA 332 ACTGCCCGTACCTCTGGTTCTGGC 334 CCTTTGGCCTGAAGTTGTCGTACC 335 GTGCCCCACGAGCGTATCGTTGTA 336 AGCCCCACGAGCGTATCGTTGTA 337 TAGGTCACGACGCTATCGTTGTA 338 AGCCCCACGAGCGTATCGTTGTA 338 AGCGCTACGTGGGCCTGGAGCAA 338 ACCACGCGTACCTTGGATCC 338 ACCACGCGCTACCATTGCATTGCAT 339 CCATGATGCATTGCATTAGC 338 ACCACGCGCGTACGTGTAACCGAC 338 ACCACGCGCGTACGTGTAACCGAC 339 CCATGATGCATTGGATCAC 340 GGTCCGGCCCTACGAAACGTTCGA 341 CCGTGTGGCCCTACGAAACGTTCGA 342 GTTAGGCCCACGAGAACGTTCGA 343 GGGTCAGTCAGCACACCACCACCACCACCACCACCACCACCACCACCA	328	GGTAATATTCAGCGCGACCGCTCA	TGAGCGGTCGCGCTGAATATTACC
332 ACTGCCCGTACCTCTGGTTCTGGC GCCAGAACCAGAGGTACGGGCAGT 334 CCTTTGGCCTGAAGTTGTCGTAGC GCTACGACAACTTCAGGCCAAAGG 335 GTGCCCCACGAGCGTATCGTTGTA TACAACGATACGCTCGTGGGGCAC 336 AGCCGCTACGTGGGCCTGGAGCAA TTGCTCCAGGCCCACCTAGCGCCT 337 GGGTGCTACCATTGCATTAGTCCG CGGACTAATGCAATGGTAGCACCT 338 ACCACGCGCGTACGTGTAACCGAG CTCGGTTACACGTAGCGCCT 339 CCATGATGCATTGGATCACGAG CTCGGTTACACGTACGCGCTGGT 340 GGTCCGGCCTACGAAACGTTCGA TCGAACTGCATCATGGATCACACG 341 CCGTGTGGCTGGAGCAA TCGAACGATCCTATGG 342 GTTAGGCCGACGCATATTGGCACA TCGAACGATCCTCAGCCACACGG 343 GGGTCAGTCAGGTGCGTTAGGAT CGACCAATTCCTAGCCCCAACGG 344 GCCGTGAGTCGGTTAGGATC GATCCTAACGCACACGGCACACGG 345 GCCACCACCGAATCCAATGCATCCACCCCAATGCATCACCGCACACGG 346 GCCACCACCCAGTGCATTCAGGTA TACCTCAACGCACCTGACTCACCCCACACGCCAACCACGCCACACCACGCACCCACC			
334 CCTTTGGCCTGAAGTTGTCGTAGC 335 GTGCCCCACGAGCGTATCGTTGTA 336 AGGCGCTACGTGGGCCTACGTTGTA 337 GGGTGCTACCATTGGACCAA 337 GGGTGCTACCATTGCATTGATCC 338 ACCACGCGGCTACGTGGACCAA 339 CCATGATGCATTGCATTAGTCC 339 CCATGATGCATTGGTTAACCGAC 339 CCATGATGCATTGGGTGCATTTAG 340 GGTCCGGCCCTACGAAACGTTCGA 341 CCGTGTGGCCCTACGAAACGTTCGA 342 GTTAGGCGCACGTGTAACCACGAC 343 GGGTCAGCTCAGAAACGTTCGA 343 GGGTCAGTCAGAACGTTCGA 344 GCCGGACGCATATTGGATTAGGCAC 345 GCCACCACCAGTGCATTAGGATC 346 GACCTTAGTTAGGATC 347 GCCGCACCACAGTGCATTACGATC 348 GCCACCACCCACTGCATTCAGATC 349 GCCACCACCCACTGCATTCAGGTA 340 GCGTCAGCACACCACTGCATTCAGATC 341 CCGTGTGGCTGAGATCCACA 342 GTTAGGCGACCCATATTGGCACA 343 GGGTCAGTCAGGTGCGTTAGGATC 344 GCCGTGAATTCCAGTAC 345 GCCACCACCCACTGCATTCAGGTA 346 GACCTTAGTTTGCCATTCAGGTA 347 TGTTTGCCGCCATTCAGGTA 348 GCTCCGCTGGATGTAGGATC 349 CGGTAGCATCACGGGC 349 CGGTAGCATGCAGTGCGTTTAG 349 CGGTAGCACTCCACTTCAGGTA 349 CGGTAGCATCCACATTCAGGTA 349 CGGTAGCATCCACATTCAGGTA 340 CTACCCTCACTAGGAATCCCTGTTA 341 TAACAGGGATCTCCCCAAACCACCAC 350 CTACCCTCTACCAGTTGCCTGCAA 351 GTGCCTCCTGCTAATTTAGCCAC 352 TTGCGACTCACAGTTTACCATC 353 TCTGGGAGCTGTTTACCCACC 354 TGCACCACCACTTGGACGACAC 355 TGCCACCACTTGGACGACAC 356 ACCTGGTGATTTACCACCACTTGCCACACCACCACCACCACCACCACCACCACCACCACCAC			
335 GTGCCCACGAGCGTATCGTTGTA TACAACGATACGCTCGTGGGGCAC 336 AGGCGCTACGTGGGCCTGGAGCAA TTGCTCCAGGCCCACGTAGCGCCT 337 GGGTGCTACCATTGCATTAGTCCG CGGACTAATGCAATGGTAGCACCC 338 ACCACGCGCGTACGTGTAACCGAG CTCGGTTACACGTACGCGCCTGGT 339 CCATGATGCATTGGATGCATTTAGCATTAGTCG CTACATGCACCCAATGCATCGCGCCTGGT 340 GGTCCGGCCCTACGAAACGTTCGA TCGAACGTTTCGTAGGCCCCAATGCATCATGG 341 CCGTGTGGCTGGAGATTCGTGTGA TCACACGAATCTCCAGCCCACACGG 342 GTTAGGCCGACCATATTGGCACA TCGAACGTTTCCAGCCCACACGG 343 GGGTCAGTCAGGTGCATTAGGCACA TGTGCCAATATGCGTCGCCCTAAC 343 GGGTCAGTCAGGTGCATTAGGCACA TGTGCCAATATGCGTCGCCCTAAC 344 GCCGTGAAGTCGAATGCAGATCGA TCGATCTGCACTCTCACGCC 345 GCCACCACCCAGTGCATTCAGGAT TACCTGAATGCACTTCACGGC 346 GAGCTTAGTTTGCGACA TCCGACTGACTTCACGGC 347 TGTTTGCCGCCATTAGGGAGTAAC GTTACTCCCTAATGGCGCCAACCTG 348 GCCCCCCAGTGCATTCAGGTA TACCTGAATGCACTGGGTGGTGGC 349 CGGTAGATGCCGGTTTAG CTACACCGACACTAAGCTC 349 CGGTAGCATGCCGGTTTAG 340 GCGCTGGATGCCCGTTTAG 341 TGTTTGCCGCCATTAGGGAGTAAC GTTACTCCCTAATGGCGGCAACCA 342 GCGCTGGATGTCCCGGTTTAG CTACACCGCACACCACCGCGAAC 344 GCCCTCCTGCGATGCCCGGTTTAG CTACACCGCCAAACTAAGCTC 347 TGTTTGCCGCCATTGAGGAGTAAC GTTACTCCCTAATGGCGGCAACCA 348 GCTCCGCTGGAGTTGCCCGGTTTAG CTACACCGGCACACCACCACCACCACCACCACCACCACCACC			
AGGCGCTACGTGGGCCTGGAGCAA TITGCTCCAGGCCCACGTAGCGCCT 337 GGGTGCTACCATTGCATTAGTCCG CGGACTAATGCAATGGTAGCACCC 338 ACCACGCGCGTACGTGTAACCGAG CTCGGTTACACGTACGCGCGTGGT 339 CCATGATGCATTGGGTGCATTTAG 340 GGTCCGGCCCTACGAAACGTTCGA TCGAACGTTTCGTAGGCCCGATGGC 341 CCGTGTGGCTGGAGATTCGTGTGA TCACACGAATCCTCCAGCCCACACGG 342 GTTAGGCCGACCATATTGGCACA TCGAACGTTTCCAGCCCCACACGG 343 GGGTCAGTCAGGTGCATATTGGCACA TGTGCCCATATTCGCCCCTAAC 344 GCCGTGAAGTCGAATCGATCGA TCGAACCTTCCAGCCCCTAAC 345 GCCACCACCCAGTGCATTCAGGAT GATCCCTACCCCTACCCCCTACC 346 GAGCTTAGTTTGCGACA TCGACTCGACTCGACCCC 347 TGTTTGCCGCCCATTCAGGTA TACCTGAATCACTGACCCC 348 GCCCCCCACCCAGTGCATTCAGGTA TACCTGAATCACTGACCTCCCCCTACCCCCCACACCGC 349 GCCCCCACCCCAGTGCATTCAGGTA TACCTGAATCACTGACCTCCCCCACACCCC 340 CACCCCCCCAGTGCATTCAGGAC GCCCGATGACCGCAAACTAAGCTC 341 TGTTTGCCCCCATTAGGGAGTAAC GTTACTCCCCTAATGGCGGCCAAACTAAGCTC 342 CGTTAGCTTTGCCGGTCATCAGGC GCCCGATGACCGCAAACTAAGCTC 343 GCCCCCCTGGATGTCCCGGTTTAG 344 GCCGTAGCATGCCGGTTTAG 345 GCCCCCCTTAAGTTGCCGGTTTAG 346 GAGCTTAGTTTGCCAGATTCCCTCCAATTGGCGGCCAAACTAAGCTC 347 TGTTTGCCCCCATTAGGGAGTAAC GTTACTCCCCAATTGGCGGCCAACCCAGCGGACC 349 CGGTAGCATGCCAGATTCCCTGTTA TAAACCGGCACATCCAGCGGAGC 349 CGGTAGCATGCCAGATTCCCTGTAT 350 CTACGCTCTACCAGTTGCCTGCAA TCCACGGCACATCCAGCGGAGC 351 GTGCCTCCTGCTGTATTTGCCAAG CTTGGCAAATACAGCAGGAGGCAC 352 TTGCGACTCGACTTTGACCAGATAG CTACTCGTCCAAGTTGAGGCGTAA 353 TCTGGGAGCTTTTTACTCCCAGCA TGGCTGAGTTCACGCTGCAA 354 TGCACCGCGAAATCACTTTACCAA TTGGTTAAAGGGAGTTCCCCCAGA 355 TGGCAAATGAATCAAAGCAC GTGCTTCAATTCATTTGCTGCCA 356 AACTGGTGACGCGAAAG CTTCCTTTACCAAT ATGGTTAAAGGGAGTTCCCCCAGA 357 AGACGATTACGCTGGAAGCAAG CTTCCGCTTCCAAGTGCAATCCCCCAGAT 358 ATGCCCTCCTTCATGGAAAGCAC GTGCTTCCAAGTGAGTTCCCCAGAT 359 ATTCTCGGAGCGGTACAGCGCAAA TTCTGCCTGTACCGCGTCACCAGTT 360 AATACCTGGAGCGGTACAGCGCAAC GTTCAGGGAATACCGCTCCGAAAT 361 ACCTGCTACCGCAACAGCAAC GTTCAGGCAATCCCCTCCAAACCGCTCCCAAACCGCTCCCAAACCGCTCCCAAACCGCTCCCAAACCGCTTCACGGTAACCGCAACCGCTCCCAAACCGCTCCCAAACCGCTCCCCAAACCGCTCCCCAACCGGTAATGCCCTTCAAGGCAACGCAACCGCTCCCCAAACCGCTTCACAACCGCCTCTCCAAGCGCGCAACAGCAACCAC			
337 GGGTGCTACCATTGCATTAGTCCG CGGACTAATGCAATGGTAGCACCC 338 ACCACGCGCGTACGTGTAACCGAG CTCGGTTACACGTACGCGCGTGGT 339 CCATGATGCATTGGGTGCATTTAG CTAAATGCACCCAATGCATCATGG 340 GGTCCGGCCCTACGAAACGTTCGA TCGAACGTTTCGTAGGGCCGGACC 341 CCGTGTGGCTGGAGATTCGTTGA TCACACGAATCTCCAGCCACACGG 342 GTTAGGGCGACGCATATTGGCACA TGTGCCAATATGCGTCCCCTAAC 343 GGGTCAGTCAGGTGCGTTAGGATC GATCCTACGCCCTAAC 344 GCCGTGAAGTCGAATGCAGATCGA TCGAATCTCCAGCCCTAAC 345 GCCACCACCCAGTGCATTAGGATC GATCCTACACGACCTTCACGGC 346 GAGCTTAGTTTGCGGTCATTCAGGTA TACCTGAATGCACTCGACCT 347 TGTTTGCCGCCATTAGGGATCAGATCAGA 348 GCTCCGCTGGATGTCCGGGTCATCAGGAC 349 CGGTAGCATGCAGATCCAGTTAG 350 CTACGCTCTACCAGTTGCCTGCATTAGACCACACTCCAGCGGAGC 351 GTGCCTCTACCAGTTGCCTGCAATCAACACACACACACAC		GTGCCCACGAGCGTATCGTTGTA	<u> </u>
338 ACCACGCGGTACGTGTAACCGAG CTCGGTTACACGTACGCGCGTGGT 339 CCATGATGCATTGGGTGCATTTAG CTAAATGCACCCAATGCATCATGG 340 GGTCCGGCCCTACGAAACGTTCGA TCGAACGTTTCGTAGGGCCGGACC 341 CCGTGTGGCTGGAGATTCGTGTA TCACACGAATCTCCAGCCACACGG 342 GTTAGGGCGACGCATATTGGCACA TGTGCCAATATGCGTCGCCCTAAC 343 GGGTCAGTCAGGTGCGTTAGGATC GATCCTAACGCACCTGACTGACCC 344 GCCGTGAAGTCGAATGCAGATCGA TCGATCTGCATTCAACGCC 345 GCCACCACCCAGTGCATTCAGGTA TCACTGAATGCATCACGGC 346 GAGCTTAGTTTGCGGTCATTCAGGTA TACCTGAATGCACTGGATGGTGCC 347 TGTTTGCCGCCATTAGGGATA TACCTGAATGCACTGGGTGGCC 348 GCTCCGCTGGATGTCACGGGC GCCCGATGACCGCAAACTAAGCTC 349 CGGTAGCATGCCGGTTTAAG GTAAC GTTACTCCCTAATGCGGGCAAACAA 348 GCTCCGCTGGATGTCCCGGTTTAAG 349 CGGTAGCATGCCGAGTCCCTGTTA TAACAGGGACATCCAGCGGAGC 350 CTACGCTCTACCAGTTGCCTGCAA TCGAGGGAACACGCACATCCAGCGGAGCC 351 GTGCCTCCTGCTGTATTTGCCAAG CTTGGCAAATACAGCAGCAGAGCAC 352 TTGCGACTCGACTTGGACGAGTAG CTACCCGAAGCAACACACACACACACACACACACACACAC	336	AGGCGCTACGTGGGCCTGGAGCAA	TTGCTCCAGGCCCACGTAGCGCCT
339 CCATGATGCATTGGGTGCATTTAG 340 GGTCCGGCCCTACGAAACGTTCGA 341 CCGTGTGGCTGGAGATTCGTGA 342 GTTAGGGCGACCCTACGACACACTTCGACCACACGG 343 GGGTCAGTCAGGACCCATATTGGCACA 344 GCGTGTGGCTGAGATTCGTGACA 345 GGGTCAGTCAGGTGCGTTAGGATC 346 GCCACCACCCAGTGCATTCAGGTAC 347 TGTTTGCCGCCACACGGCCCCCAACCCGCCCCCCCCCCC	337	GGGTGCTACCATTGCATTAGTCCG	CGGACTAATGCAATGGTAGCACCC
340 GGTCCGGCCCTACGAAACGTTCGA TCGAACGTTTCGTAGGGCCGGACC 341 CCGTGTGGCTGGAGATTCGTGTGA TCACACGAATCTCCAGCCACACGG 342 GTTAGGGCGACGCATATTGGCACA TGTGCCAATATGCGTCGCCCTAAC 343 GGGTCAGTCAGGTGCGTTAGGATC GATCCTAACGCACCTGACTCACCC 344 GCCGTGAAGTCGAATGCAGATCGA TCGATCTGCACTTCACGGC 345 GCCACCACCCAGTGCATTCAGGTA TACCTGAATGCACTGGGTGGTGGC 346 GAGCTTAGTTTGCGGTCATTCAGGC GCCCGATGACCGCCAAACTAAGCTC 347 TGTTTGCCGCCATTAGGGAGTAAC GTTACTCCCTAATGGCGGCAAACTAAGCTC 348 GCTCCGCTGGATGTGCCGGTTTAG CTACACCGGCAAACTAAGCTC 349 CGGTAGCATGCGAGATCCCTGTTA TAACACGGCACATCCAGCGAGC 350 CTACGCTCTACCAGTTGCCTGCAA TCGCAGCAACTGAACA 351 GTGCCTCCTGCTGTATTTGCCAAG CTTGGCAAACTAGACGTAG 352 TTGCGACTCGACTTGACAGAGACACCCTGTAAACAGCAGAAACAACACAGACACACAC	338	ACCACGCGCGTACGTGTAACCGAG	CTCGGTTACACGTACGCGCGTGGT
341 CCGTGTGGCTGGAGATTCGTGGA 342 GTTAGGGCGACGCATATTGGCACA 343 GGGTCAGTCAGGTGCGTTAGGATC 344 GCCGTGAAGTCGAATGCAGATCGA 345 GCCACCACCCAGTGCATTCAGGAT 346 GCCACCACCCAGTGCATTCAGGTA 347 TGTTTGCCGCCATTCAGGCC 348 GCCCCGCATTAGCGACCCCAACCCCAACCCAACCTAACCCC 349 GAGCTTAGTTTGCGGTCATCAGGCC 349 CGGTAGACTCCAGTTCAGGATA 340 CGGTAGCATGCAGTTCAGGCC 341 TGTTTGCCGCCATTAGGGAGTAAC 342 GTTACTCCCTAATGCAGCAACCAACCAACCAACCAACCAA	339	CCATGATGCATTGGGTGCATTTAG	CTAAATGCACCCAATGCATCATGG
342 GTTAGGGCGACGCATATTGGCACA TGTGCCAATATGCGTCGCCCTAAC 343 GGGTCAGTCAGGTGCGTTAGGATC GATCCTAACGCACCTGACTGACCCC 344 GCCGTGAAGTCGAATGCAGATCGA TCGATTCGACTTCACGGC 345 GCCACCACCCAGTGCATTCAGGTA TACCTGAATGCACTTCACGGC 346 GAGCTTAGTTTGCGGTCATCGGGC GCCCGATGACCGCAAACTAAGCTC 347 TGTTTGCCGCCATTAGGGAGTAAC GTTACTCCCTAATGGCGGCAAACA 348 GCTCCGCTGGATGTGCCGGTTTAG CTAAACCGGCACATCCAGCGAGC 349 CGGTAGCATGCAGAGATCCCTGTTA TAACAGGGATCTCGCATGCTACCG 350 CTACGCTCTACCAGTTGCCTGCAA TCGCAGGCACATCCAGCGAGC 351 GTGCCTCCTGCTGTATTTGCCAAG CTTGGCAAACTACAGCGTAG 352 TTGCGACTCGACTTGGACGAGTAG CTACTCGTCCAAGTCGAGCCAA 353 TCTGGGAGCTGTTTACTCCAGCA TGGCTGCAAACAGCCCCAGA 354 TGCACCGCGAACTCCCTTTACCAT ATGGTAAACAGCTCCCAGA 355 TGGCAGCAAATGAATCGAAAGCAC GTGCTTTCGATTCATTTGCTGCA 356 AACTGGTGACGCGGTACAGCGAAG CTTCGCTGTACCGGTGCA 357 AGACGATTACGCTGGACGCGAAG CTTCGCTGTACCAGTTCGCCA 358 ATGCCCTCCTTCATGGAAAGCAC GTGCTTTCGATTCATTTGCTGCCA 359 ATTCTCGGAGCGGTACAGCGAAG CTTCGCTGTACCAGGTTCTCCAGGTTACCAGTTCGCCAGATTCGTCT 357 AGACGATTACGCTGGACGCCGTCG CGACGGCGTCCACCAGTT 358 ATGCCCTCCTTCATGGAAAGGGTT AACCCTTTCCATGAAGGAGGGCAT 359 ATTCTCGGAGCGTATGCGCCAGAA TTCTGCCTGACCGCTCACCAGTT 360 ATAGCGGAGTTTGGGTACGCCAAC GTTCGCCTAACCCCCTAT 361 ACCTACGCATACCGCTTGGCCAAGC GTTCGCCTAACCCCCTAT 362 GATTACCTGAATGGCCAAGCG CCTCGCCAAACTCCCCTAT 363 CCTGTTAGCATCCGCTTGGCGAGG CCTCGCCAAACTCCGCTAT 364 CGGAATGATGCCCAAGCGAAC TTCGCCTGACCATTCCGCTATCAGGTAATCC 365 TGAGAGAGGCGTTGGTTAAGGCAA TTGCCTTCCAAGCGCCTTCAACAGG 364 CGGAATGATGCGCCAAACGCT AGCGTTTCCGCTGCTCCAAACTCCCGTTCCCAGGTAATCCCCAAACTCCGCTTCCAAGCGCCTTCCAAACTCCCGTTAACCAGGCAACCCCAAACTCCCGCTTCCCAAGCGCTTCAACAGGCAACCCCAAACTCCCGCTTCCCAAACCCCCTTCCCAAACCCCCTTCCCAAACCCCCTTCCCAAACCCCCTTCCCAAACCCCCTTCCCAAACCCCCTTCCCAAACCCCCTTCCCAAACCCCCTTCCCAAACCCCCAAACCCCCTCCCAAACCCCCTTCCCAAACCCCCTCCCAAACCCCCC	340	GGTCCGGCCCTACGAAACGTTCGA	TCGAACGTTTCGTAGGGCCGGACC
343 GGGTCAGTCAGGTGCGTTAGGATC 344 GCCGTGAAGTCGAATGCAGATCGA 345 GCCACCACCCAGTGCATTCAGGTA 346 GAGCTTAGTTTGCGGTCATCGGGC 347 TGTTTGCCGCCATTAGGAGTACC 348 GCTCCGCTGGATGCCGGTTAGGCCGCATCCCCCAAACCTAAGCTC 349 CGGTAGCATGCAGTTAGCCGGTTTAG 350 CTACCGCTTACCAGTTACCAGTTACCACCCCAAACCTACCGCAAACACCACCCAGTGCTTTACCCTTACCAGCGAGCC 351 GTGCCTCCTCCTGCTGTATTTGCCAAGCCAAACTACAGCTC 352 TTGCGACTCGACTTGGACGAGTACCCTTTACCACCAGCAGACCACCCCAAACCACCACCCAC	341	CCGTGTGGCTGGAGATTCGTGTGA	TCACACGAATCTCCAGCCACACGG
344 GCCGTGAAGTCGAATGCAGATCGA 345 GCCACCACCCAGTGCATTCAGGTA 346 GAGCTTAGTTTGCGGTCATTCAGGTA 347 TGTTTGCCGCCATTAGGGAGTAAC 348 GCTCCGCTGGATGCCGGGTTTAG 349 CGGTAGCATGCCGGATCATCAGGAC 350 CTACCGCTACCAGGTGCATTCAGGAT 351 GTGCCTCCTCACCAGTTGCCGGATTCACCG 352 TTGCGACTCGACTATTTGCCAGCA 353 TCTGGGAGCTTTACTCCAGCA 354 TGCACCCGGAACTCCAGGAGC 355 TGCACCCGGAACTCCAGCAAC 355 TGCACCCGGAACTCCAGTTTACTCCAGCA 356 AACTGGTGAACCGCAACACCACTTTACCAT 357 AGACGATTACCCCTTTACCAT 358 ATGCCCTCCTTCACAGTTTACCACAC 359 ATTCTCGAACTCGACACCACACCACACCACACCACCACCACCACCACCACACCACA	342	GTTAGGGCGACGCATATTGGCACA	TGTGCCAATATGCGTCGCCCTAAC
345 GCCACCACCAGTGCATTCAGGTA 346 GAGCTTAGTTTGCGGTCATCAGGC 347 TGTTTGCCGCCATTAGGGAGC 348 GCTCCGCTGGATGTGCCGGTTTAG 349 CGGTAGCTGCAGTGCCCGGTTTAG 349 CGGTAGCATGCCAGAGATCCCTGTTA 350 CTACACCTCACCAGTTGCCCGGA 351 GTGCCTCCTGCTGATTTGCCCAGG 352 TTGCGACTCGCAGTTTACTCCAGC 353 TCTGGGAGCTGTTACCCAGTTGCCAGC 354 TGCACGCGCACATCCAGCGAGC 355 TGCACCTCGTGATTTTCCCAGC 356 TGCACGCGACTTCGACCAG 357 TGCACCGCGACTTGCACCAG 358 TCTGGGAGCTGTTTACTCCAGCCA 359 TGCACGCGAAATCACAGCCACAGCCACAGCCGTGCAC 350 CTACGCTCTTACCATTTCCCAGCCACAGCCAGCTCGCAA 351 TCTGGGACTCGACTTGGACGCCACCACCAGTTCGAGTCGCAA 352 TTGCGACTCGACTTGACCACCACCACCAGTTCGAGTCGCAA 353 TCTGGGAGCTGTTTACTCCAGCCACCAGTTCGAGTCCCCAGA 354 TGCACGCGGAACTCCCTTTACCATTCATTCGATTCATTTGCTGCCA 355 TGGCAGCAAATGAATCGAAAGCACCCTCCGAGAGTTCCGCGTGCACCAGTT 356 AACTGGTGACGCGGTACAGCGAAGCTTCCGCTGACCAGTT 357 AGACCATTACGCTGGACACCCGTCGCCGACGGTACACCAGTTCAGCTCCAGCGTAATCGTCT 358 ATGCCCTCCTTCATGGAAAGGGTTCACCCGCGTCACCAGCGTAATCGTCT 359 ATTCTCGGAGCGTATGCGCCAGAACTCCTCCAGAAACCACCCTTCCAGAGAGAAT 360 ATAGCGGAGTTTGGGTACGCGAACCCTTCGCCAAACTCCCCATAT 361 ACCTACGCATACCGCTTGGCGAAGCCCTCCCCAAACTCCCCTAT 362 GATTACCTGAATGGCCAAGCGAGCCCTCACCACACTCCGCTAATCCGCTAGCTA	343	GGGTCAGTCAGGTGCGTTAGGATC	GATCCTAACGCACCTGACTGACCC
346 GAGCTTAGTTTGCGGTCATCGGGC GCCCGATGACCGCAAACTAAGCTC 347 TGTTTGCCGCCATTAGGGAGTAAC GTTACTCCCTAATGGCGGCAAACA 348 GCTCCGCTGGATGTGCCGGTTTAG CTAAACCGGCACATCCAGCGGAGC 349 CGGTAGCATGCGAGATCCCTGTTA TAACAGGGATCTCGCATGCTACCG 350 CTACGCTCTACCAGTTGCCTGCA TCGCAGGCAACTGGTAGAGCGTAG 351 GTGCCTCCTGCTGTATTTGCCAAG CTTGGCAAATACAGCAGGAGGCAC 352 TTGCGACTCGACTTGGACGAGTAG CTACTCGTCCAAGTCGAGTCG	344	GCCGTGAAGTCGAATGCAGATCGA	TCGATCTGCATTCGACTTCACGGC
347 TGTTTGCCGCCATTAGGGAGTAAC GTTACTCCCTAATGGCGGCAAACA 348 GCTCCGCTGGATGTGCCGGTTTAG CTAAACCGGCACATCCAGCGGAGC 349 CGGTAGCATGCGAGATCCCTGTTA TAACAGGGATCTCGCATGCTACCG 350 CTACGCTCTACCAGTTGCCTGCGA TCGCAGGCAACTGGTAGAGCGTAG 351 GTGCCTCCTGCTGTATTTGCCAAG CTTGGCAAATACAGCAGGAGGCAC 352 TTGCGACTCGACTTGGACGAGTAG CTACTCGTCCAAGTCGAGTCG	345	GCCACCACCAGTGCATTCAGGTA	TACCTGAATGCACTGGGTGGTGGC
348 GCTCCGCTGGATGTGCCGGTTTAG CTAAACCGGCACATCCAGCGGAGC 349 CGGTAGCATGCGAGATCCCTGTTA TAACAGGGATCTCGCATGCTACCG 350 CTACGCTCTACCAGTTGCCTGCGA TCGCAGGCAACTGGTAGAGCGTAG 351 GTGCCTCCTGCTGTATTTGCCAAG CTTGGCAAATACAGCAGGAGGCAC 352 TTGCGACTCGACTTGGACGAGTAG CTACTCGTCCAAGTCGAGTCG	346	GAGCTTAGTTTGCGGTCATCGGGC	GCCCGATGACCGCAAACTAAGCTC
349 CGGTAGCATGCGAGATCCCTGTTA TAACAGGGATCTCGCATGCTACCG 350 CTACGCTCTACCAGTTGCCTGCGA TCGCAGGCAACTGGTAGAGCGTAG 351 GTGCCTCCTGCTGTATTTGCCAAG CTTGGCAAATACAGCAGGAGGCAC 352 TTGCGACTCGACTTGGACGAGTAG CTACTCGTCCAAGTCGAGTCG	347	TGTTTGCCGCCATTAGGGAGTAAC	GTTACTCCCTAATGGCGGCAAACA
350 CTACGCTCTACCAGTTGCCTGCGA TCGCAGGCAACTGGTAGAGCGTAG 351 GTGCCTCCTGCTGTATTTGCCAAG CTTGGCAAATACAGCAGGAGGCAC 352 TTGCGACTCGACTTGGACGAGTAG CTACTCGTCCAAGTCGAGTCG	348	GCTCCGCTGGATGTGCCGGTTTAG	CTAAACCGGCACATCCAGCGGAGC
351 GTGCCTCCTGCTGTATTTGCCAAG CTTGGCAAATACAGCAGGAGGCAC 352 TTGCGACTCGACTTGGACGAGTAG CTACTCGTCCAAGTCGAGTCG	349	CGGTAGCATGCGAGATCCCTGTTA	TAACAGGGATCTCGCATGCTACCG
TTGCGACTCGACTTGGACGAGTAG TTGCGACTCGACTTGGACGAGTAG TTGCGAGCTGTTTACTCCAGCCA TGGCTGGAGTAAACAGCTCCCAGA TGCACGCGGAACTCCCTTTACCAT ATGGTAAAGGGAGTTCCGCGTGCA TGCACGCGGAACTCCCTTTACCAT ATGGTAAAGGGAGTTCCGCGTGCA TGCACGCGGAACTCCCTTTACCAT ATGGTAAAGGGAGTTCCGCGTGCA ACCTGGTGACGCGGTACAGCGAAG TTCGCTGTACCGCGTCACCAGTT ACCTGCTGTACCGCGTCACCAGTT ACCCTTCCATGAAGGAGGGTT ACCCTTTCCATGAAGGAGGGCAT TCTGGCGCATACGCTCGAGAAT TCTGGCGCATACGCTCCTATACGCTAGAAT TCTGGCGCATACGCTCCGAGAAT TCTGGCGCATACCGCTCATACGCTAGAAT TCTGCCGTACCCAAACTCCGCTAT ACCTACGCATACCGCTTGGCGAGG CCTCGCCAAGCGGTATGCGTAACCGCTAT CCTGTTAGCATCACGGCGCTTAGG CCTGTTAGCATCACGGCGCTTAGG TCTAAGCGCCGTGATCCTAACAGG TGCGTTGTCGAACGCCAACCGCT TGCGTTTTCCATGACCAACCGCT TGCGTTTTCCATGACCAACCGCT TGCCTTTAGCATCACGGCGCTTAGG TTGCCTTAACCAACGCCTCTCCAACCGCT TGCGTTTTCCAACGGCCATCATTCCGC TGAGAGAGGCGTTGGTTAAGGCAA TTGCCTTAACCAACGCCTCTCCCAACCGCTTCCCCTTCCCCTTCCCCTTCCCCTTCCCCTTCCCCTTCCCC	350	CTACGCTCTACCAGTTGCCTGCGA	TCGCAGGCAACTGGTAGAGCGTAG
TCTGGGAGCTGTTTACTCCAGCCA TGGCTGGAGTAAACAGCTCCCAGA TGCACGCGGAACTCCCTTTACCAT TGGTAAAGGGAGTTCCGCGTGCA TGGCAGCAAATGAATCGAAAGCAC TGGCTGTACCGCGTCACAGTT TGGCAGCAAATGAATCGAAAGCAC TTCGCTGTACCGCGTCACCAGTT TGGCAGCAAATGAATCGAAAGCAC TTCGCTGTACCGCGTCACCAGTT TGGCAGCAGCGCGTCACCAGTT TGGCAGCAGCGCGTCACCAGTT TGGCAGCAGCGCGTCACCAGTT TGGCAGCGTCACCAGTT TGGCAGCGTAATCGTCT TGGCAGCGTAATCGTCT TGGCAGCGTAATCGCTCT TGGCAGCGTAACGCTCCGAGAAT TTCTGGCGCATACGCTCCGAGAAT TTCTGGCGCATACGCTCCGAGAAT TTCTGGCGCATACCCCAAACTCCGCTAT TGGCATACCCAAACTCCGCTAT TGCCTTAGCATACCGCTTGGCGAGC TCTCGCCAAGCGGTATGCGTAATCCGCTAGGTAATCCCTTCGCCAAGCGCGTATCCAGGTAATCCCGCTTAGGCCAAACTCCGCTAT TGCCTTAGCATCACGCCTTCGCGAGAATCCCTTCCGCTAGGAGATCCCAAACTCCGCTTAACAGGCAGACCGCTTAACAGGCAGACCGCTTAACAGGCAACGCCTCTCCGCCAAGCGCGCATCATTCCGCTAGACGCCGCATCATTCCGCTAGACACGCCTCTCCCAAGCGCCATCATTCCGCCCCTCCCCAAGCGCGCATCATTCCGCCCCCCCAAGCGCCCTCCTCCCAAGCGCCATCATTCCGCCCCCCCC	351	GTGCCTCCTGCTGTATTTGCCAAG	CTTGGCAAATACAGCAGGAGGCAC
TGCACGCGGAACTCCCTTTACCAT TGCACGCGGAACTCCCTTTACCAT TGCACGCGGAACTCCCTTTACCAT TGCACGCGGAACTCCCTTTACCAT TGCACGCGGAACTCCCTTTACCAT TGCACGCGAACTCCAAAGCAC GTGCTTTCGATTCATTTGCTGCA TGCACGCGACGCG	352	TTGCGACTCGACTTGGACGAGTAG	CTACTCGTCCAAGTCGAGTCGCAA
TGGCAGCAAATGAATCGAAAGCAC GTGCTTTCGATTCATTTGCTGCCA 356 AACTGGTGACGCGGTACAGCGAAG CTTCGCTGTACCGCGTCACCAGTT 357 AGACGATTACGCTGGACGCCGTCG CGACGGCGTCCAGCGTAATCGTCT 358 ATGCCCTCCTTCATGGAAAGGGTT AACCCTTTCCATGAAGGAGGGCAT 359 ATTCTCGGAGCGTATGCGCCAGAA TTCTGGCGCATACGCTCCGAGAAT 360 ATAGCGGAGTTTGGGTACGCGAAC GTTCGCGTACCCAAACTCCGCTAT 361 ACCTACGCATACCGCTTGGCGAGG CCTCGCCAAGCGGTATGCGTAGGT 362 GATTACCTGAATGGCCAAGCGAGC GCTCGCTTGGCCATTCAGGTAATC 363 CCTGTTAGCATCACGGCGCTTAGG CCTAAGCGCCGTGATGCTAACAGG 364 CGGAATGATGCGCTCGACAACGCT AGCGTTGTCGAGCGCATCATTCCG 365 TGAGAGAGGCGTTGGTTAAGGCAA TTGCCTTAACCAACGCCTCTCTCA 366 AAGCAGGCGAAGGGATACTCCTCG CGAGGAGTATCCCTTCGCCTGCTT	353	TCTGGGAGCTGTTTACTCCAGCCA	TGGCTGGAGTAAACAGCTCCCAGA
AACTGGTGACGCGGTACAGCGAAG CTTCGCTGTACCGCGTCACCAGTT 357 AGACGATTACGCTGGACGCCGTCG CGACGGCGTCCAGCGTAATCGTCT 358 ATGCCCTCCTTCATGGAAAGGGTT AACCCTTTCCATGAAGGAGGGCAT 359 ATTCTCGGAGCGTATGCGCCAGAA TTCTGGCGCATACGCTCCGAGAAT 360 ATAGCGGAGTTTGGGTACGCGAAC GTTCGCGTACCCAAACTCCGCTAT 361 ACCTACGCATACCGCTTGGCGAGG CCTCGCCAAGCGGTATGCGTAGGT 362 GATTACCTGAATGGCCAAGCGAGC GCTCGCTTGGCCATTCAGGTAATC 363 CCTGTTAGCATCACGGCGCTTAGG CCTAAGCGCCGTGATGCTAACAGG 364 CGGAATGATGCGCTCGACAACGCT AGCGTTGTCGAGCGCATCATTCCG 365 TGAGAGAGGCGTTGGTTAAGGCAA TTGCCTTAACCAACGCCTCTCTCA 366 AAGCAGGCGAAGGGATACTCCTCG CGAGGAGTATCCCTTCGCCTGCTT	354	TGCACGCGGAACTCCCTTTACCAT	ATGGTAAAGGGAGTTCCGCGTGCA
357 AGACGATTACGCTGGACGCCGTCG CGACGGCGTCCAGCGTAATCGTCT 358 ATGCCCTCCTTCATGGAAAGGGTT AACCCTTTCCATGAAGGAGGGCAT 359 ATTCTCGGAGCGTATGCGCCAGAA TTCTGGCGCATACGCTCCGAGAAT 360 ATAGCGGAGTTTGGGTACGCGAAC GTTCGCGTACCCAAACTCCGCTAT 361 ACCTACGCATACCGCTTGGCGAGG CCTCGCCAAGCGGTATGCGTAGGT 362 GATTACCTGAATGGCCAAGCGAGC GCTCGCTTGGCCATTCAGGTAATC 363 CCTGTTAGCATCACGGCGCTTAGG CCTAAGCGCCGTGATGCTAACAGG 364 CGGAATGATGCGCTCGACAACGCT AGCGTTGTCGAGCGCATCATTCCG 365 TGAGAGAGGGCGTTGGTTAAGGCAA TTGCCTTAACCAACGCCTCTCTCA 366 AAGCAGGCGAAGGGATACTCCTCG CGAGGAGTATCCCTTCGCCTGCTT	355	TGGCAGCAAATGAATCGAAAGCAC	GTGCTTTCGATTCATTTGCTGCCA
358 ATGCCTCCTTCATGGAAAGGGTT AACCCTTTCCATGAAGGAGGCAT 359 ATTCTCGGAGCGTATGCGCCAGAA TTCTGGCGCATACGCTCCGAGAAT 360 ATAGCGGAGTTTGGGTACGCGAAC GTTCGCGTACCCAAACTCCGCTAT 361 ACCTACGCATACCGCTTGGCGAGG CCTCGCCAAGCGGTATGCGTAGGT 362 GATTACCTGAATGGCCAAGCGAGC GCTCGCTTGGCCATTCAGGTAATC 363 CCTGTTAGCATCACGGCGCTTAGG CCTAAGCGCCGTGATGCTAACAGG 364 CGGAATGATGCGCTCGACAACGCT AGCGTTGTCGAGCGCATCATTCCG 365 TGAGAGAGGCGTTGGTTAAGGCAA TTGCCTTAACCAACGCCTCTCTCA 366 AAGCAGGCGAAGGGATACTCCTCG CGAGGAGTATCCCTTCGCCTGCTT	356	AACTGGTGACGCGGTACAGCGAAG	CTTCGCTGTACCGCGTCACCAGTT
359 ATTCTCGGAGCGTATGCGCCAGAA TTCTGGCGCATACGCTCCGAGAAT 360 ATAGCGGAGTTTGGGTACGCGAAC GTTCGCGTACCCAAACTCCGCTAT 361 ACCTACGCATACCGCTTGGCGAGG CCTCGCCAAGCGGTATGCGTAGGT 362 GATTACCTGAATGGCCAAGCGAGC GCTCGCTTGGCCATTCAGGTAATC 363 CCTGTTAGCATCACGGCGCTTAGG CCTAAGCGCCGTGATGCTAACAGG 364 CGGAATGATGCGCTCGACAACGCT AGCGTTGTCGAGCGCATCATTCCG 365 TGAGAGAGGGCGTTGGTTAAGGCAA TTGCCTTAACCAACGCCTCTCTCA 366 AAGCAGGCGAAGGGATACTCCTCG CGAGGAGTATCCCTTCGCCTGCTT	357	AGACGATTACGCTGGACGCCGTCG	CGACGCGTCCAGCGTAATCGTCT
360 ATAGCGGAGTTTGGGTACGCGAAC GTTCGCGTACCCAAACTCCGCTAT 361 ACCTACGCATACCGCTTGGCGAGG CCTCGCCAAGCGGTATGCGTAGGT 362 GATTACCTGAATGGCCAAGCGAGC GCTCGCTTGGCCATTCAGGTAATC 363 CCTGTTAGCATCACGGCGCTTAGG CCTAAGCGCCGTGATGCTAACAGG 364 CGGAATGATGCGCTCGACAACGCT AGCGTTGTCGAGCGCATCATTCCG 365 TGAGAGAGGCGTTGGTTAAGGCAA TTGCCTTAACCAACGCCTCTCTCA 366 AAGCAGGCGAAGGGATACTCCTCG CGAGGAGTATCCCTTCGCCTGCTT	358	ATGCCCTCCTTCATGGAAAGGGTT	AACCCTTTCCATGAAGGAGGGCAT
361 ACCTACGCATACCGCTTGGCGAGG CCTCGCCAAGCGGTATGCGTAGGT 362 GATTACCTGAATGGCCAAGCGAGC GCTCGCTTGGCCATTCAGGTAATC 363 CCTGTTAGCATCACGGCGCTTAGG CCTAAGCGCCGTGATGCTAACAGG 364 CGGAATGATGCGCTCGACAACGCT AGCGTTGTCGAGCGCATCATTCCG 365 TGAGAGAGGGCGTTGGTTAAGGCAA TTGCCTTAACCAACGCCTCTCTCA 366 AAGCAGGCGAAGGGATACTCCTCG CGAGGAGTATCCCTTCGCCTGCTT	359	ATTCTCGGAGCGTATGCGCCAGAA	TTCTGGCGCATACGCTCCGAGAAT
362 GATTACCTGAATGGCCAAGCGAGC GCTCGCTTGGCCATTCAGGTAATC 363 CCTGTTAGCATCACGGCGCTTAGG CCTAAGCGCCGTGATGCTAACAGG 364 CGGAATGATGCGCTCGACAACGCT AGCGTTGTCGAGCGCATCATTCCG 365 TGAGAGAGGCGTTGGTTAAGGCAA TTGCCTTAACCAACGCCTCTCCA 366 AAGCAGGCGAAGGGATACTCCTCG CGAGGAGTATCCCTTCGCCTGCTT	360	ATAGCGGAGTTTGGGTACGCGAAC	GTTCGCGTACCCAAACTCCGCTAT
363 CCTGTTAGCATCACGGCGCTTAGG CCTAAGCGCCGTGATGCTAACAGG 364 CGGAATGATGCGCTCGACAACGCT AGCGTTGTCGAGCGCATCATTCCG 365 TGAGAGAGGCGTTGGTTAAGGCAA TTGCCTTAACCAACGCCTCTCTCA 366 AAGCAGGCGAAGGGATACTCCTCG CGAGGAGTATCCCTTCGCCTGCTT	361	ACCTACGCATACCGCTTGGCGAGG	CCTCGCCAAGCGGTATGCGTAGGT
364 CGGAATGATGCGCTCGACAACGCT AGCGTTGTCGAGCGCATCATTCCG 365 TGAGAGAGGCGTTGGTTAAGGCAA TTGCCTTAACCAACGCCTCTCTCA 366 AAGCAGGCGAAGGGATACTCCTCG CGAGGAGTATCCCTTCGCCTGCTT	362	GATTACCTGAATGGCCAAGCGAGC	GCTCGCTTGGCCATTCAGGTAATC
365 TGAGAGAGGCGTTGGTTAAGGCAA TTGCCTTAACCAACGCCTCTCCA 366 AAGCAGGCGAAGGGATACTCCTCG CGAGGAGTATCCCTTCGCCTGCTT	363	CCTGTTAGCATCACGGCGCTTAGG	CCTAAGCGCCGTGATGCTAACAGG
366 AAGCAGGCGAAGGGATACTCCTCG CGAGGAGTATCCCTTCGCCTGCTT	364	CGGAATGATGCGCTCGACAACGCT	AGCGTTGTCGAGCGCATCATTCCG
	365	TGAGAGAGGCGTTGGTTAAGGCAA	TTGCCTTAACCAACGCCTCTCTCA
367 TCACGACAGACGGCCGAGATTAC GTAATCTCGGCCCGTCTGTCGTGA	366	AAGCAGGCGAAGGGATACTCCTCG	CGAGGAGTATCCCTTCGCCTGCTT
	367	TCACGACAGACGGGCCGAGATTAC	GTAATCTCGGCCCGTCTGTCGTGA



368 AAGCAATTTGGCCTCGTTTTGTGA TCACAAAACGAGGCCAAATTG 369 GCTGGTTGCGGTAGGATCGCATAT ATATGCGATCCTACCGCAACG 370 TTGTGAATCCGTTCTGTCCCCGAC GTCGGGGACAGAACGGATTC	
370	
7000070707070707070707070707070707070707	
372 TGGGCTCCTCTGAGGCGAGATGGC GCCATCTCGCCTCAGAGGAG	
373 GGATAGAGTGAATCGACCGGCAAC GTTGCCGGTCGATTCACTCTA	
374 TGCACCGAACGTGCACGAGTAATT AATTACTCGTGCACGTTCGGT	
375 GCCAGTATTCTCGGGTGTTGGACG CGTCCAACACCCGAGAATAC	
376 TCGCTACCTAAGACCGGGCCATAC GTATGGCCCGGTCTTAGGTAG	
377 TGGCATTGACGAGCAGCAGTCAGT ACTGACTGCTCGTCAATC	
378 CGCGTCCCAGCGCCCTTGGAGTAT ATACTCCAAGGGCGCTGGGA	
379 ATGAAGCCTACCGGGCGACTTCGT ACGAAGTCGCCCGGTAGGCT	
380 CCAGACAGATGGCCTGGAACCATG CATGGTTCCAGGCCATCTGTC	
381 TGGCGTGGGACCATCTCAAAGCTA TAGCTTTGAGATGGTCCCACC	GCCA
382 CCGCATGGGAACACGTGTCAAGGT ACCTTGACACGTGTTCCCATG	SCGG
383 GCCCACTCGTCAGCTGGACGTAAT ATTACGTCCAGCTGACGAGTG	GGGC
384 ATTACGGTCGTGATCCAGAAAGCG CGCTTTCTGGATCACGACCG	TAAT
385 TGCGAGGTGAGCACCTACGAGAGA TCTCTCGTAGGTGCTCACCTC	CGCA
386 GGGCCGCATTCTTGATGTCCATTC GAATGGACATCAAGAATGCG	GCCC
387 CCTCGGATGTGGGCTCTCGCCTAG CTAGGCGAGAGCCCACATCC	GAGG
388 TAGGCATGTTGGCGTGAGCGCTAT ATAGCGCTCACGCCAACATG	CCTA
389 CGATACGAACGAGGATGTCCGCCT AGGCGGACATCCTCGTTCGT.	
390 TACGCCGGTTAGCACGGTGCGCTA TAGCGCACCGTGCTAACCGG	CGTA
391 CATACGATGTCCGGGCCGTGTCGC GCGACACGGCCCGGACATCC	STATG
392 ATCCGCAGTTGTATGGCGCGTTAT ATAACGCGCCATACAACTGC	GGAT
393 GGGTAAGGGACAAAGATGGGATGG CCATCCCATCTTTGTCCCTTA	ccc
394 ATTGGAGTGTTTTGGTGAATCCGC GCGGATTCACCAAAACACTC	CAAT
395 GAACCGAGCCAACGTATGGACACG CGTGTCCATACGTTGGCTCG	GTTC
396 GCCGTCAAGCTTAAGGTTTTGGGC GCCCAAAACCTTAAGCTTGAC	CGGC
397 ACCTGCTTTTGGGTGGGTGATATG CATATCACCCACCCAAAAGCA	AGGT
398 AATCGTGGGCGCAGCAAACGTATA TATACGTTTGCTGCGCCCACC	GATT
399 GTCGCCGGATTGCTCAGTATAAGC GCTTATACTGAGCAATCCGG	CGAC
400 ACCCGTCGATGCTTCCTCCTCAGA TCTGAGGAGGAAGCATCGAC	GGGT
401 ATCCGGGTGGCGATACAAGAGAT ATCTCTTGTATCGCCCACCCC	GGAT
402 TTCCGCATGAGTCAGCTTTGAAAA TTTTCAAAGCTGACTCATGCG	GAA
403 GCAAAGTCCCACTGGCAAGCCGAT ATCGGCTTGCCAGTGGGACT	TTGC
404 CGACCTCGGCTTCATCGTACACAT ATGTGTACGATGAAGCCGAG	GTCG
405 CTCATGAGCGCAGTTGTGCGTGAG CTCACGCACAACTGCGCTCA	TGAG
406 CAGATGAAGGATCCACGGCCGGAG CTCCGGCCGTGGATCCTTCA	TCTG



407	TCAAAGGCTCTTGGATACAGCCGT	ACGGCTGTATCCAAGAGCCTTTGA
	TCCGCTAATTTCCAATCAGGGCTC	GAGCCTGATTGGAAATTAGCGGA
408		
409	ACGCACGGCGCTTTTGCCTTAATG	CATTAAGGCAAAAGCGCCGTGCGT
410	TGACAACGTCACAAGGAGCAGGAC	GTCCTGCTCCTTGTGACGTTGTCA
411	CTTAGTTGGGGCGCGGTATCCAGA	TCTGGATACCGCGCCCCAACTAAG
412	GCTCTAATGCCGTGGAGTCGGAAC	GTTCCGACTCCACGGCATTAGAGC
413	CCGATTACAAATTGACTGACCGCA	TGCGGTCAGTCAATTTGTAATCGG
414	AGACGTACGTGAGCCTCCCGTGTC	GACACGGGAGGCTCACGTACGTCT
415	AATGGAGCGATACGATCCAACGCA	TGCGTTGGATCGTATCGCTCCATT
416	GGAGGCGCTGTACTGATAGGCGTA	TACGCCTATCAGTACAGCGCCTCC
417	TGTTTTTGAATTGACCACACGGGA	TCCCGTGTGGTCAATTCAAAAACA
418	CATGTCTGGATGCGCTCAATGAAG	CTTCATTGAGCGCATCCAGACATG
419	GCCCGCTAATCCGACACCCAGTTT	AAACTGGGTGTCGGATTAGCGGGC
420	CCATTGACAGGAGAGCCATGAGCC	GGCTCATGGCTCTCCTGTCAATGG
421	GAATCACCGAATCACCGACTCGTT	AACGAGTCGGTGATTC
422	AACCAGCCGCAGTAGCTTACGTCG	CGACGTAAGCTACTGCGGCTGGTT
423	TTTTCTGAGGGACACGCGGGCGTT	AACGCCCGCGTGTCCCTCAGAAAA
424	GGTGCTCCGTTTGATCGATCCTCC	GGAGGATCGATCAAACGGAGCACC
425	CCGCTTAGGCCATACTCTGAGCCA	TGGCTCAGAGTATGGCCTAAGCGG
426	TAAGACATACCGACGCCCTTGCCT	AGGCAAGGGCGTCGGTATGTCTTA
427	GTTCCCGACGCCAGTCATTGAGAC	GTCTCAATGACTGGCGTCGGGAAC
428	TAAAAGTTTCGCGGAGGTCGGGCT	AGCCCGACCTCCGCGAAACTTTTA
429	CGGTCCAGACGAGCTGAGTTCGGC	GCCGAACTCAGCTCGTCTGGACCG
430	CGGCGTAGCGGCTACGGACTTAAA	TTTAAGTCCGTAGCCGCTACGCCG
431	GCTTGGATGCCCATGCGGCAAGGT	ACCTTGCCGCATGGGCATCCAAGC
432	AGCGGGATCCCAGAGTTTCGAAAA	TTTTCGAAACTCTGGGATCCCGCT
433	GAGCTTGAGAGCGAGGTCATCCTC	GAGGATGACCTCGCTCTCAAGCTC
434	GCATCGGCCGTTTTGACCATATTC	GAATATGGTCAAAACGGCCGATGC
435	CATAGCGCTGCACGTTTCGACCGC	GCGGTCGAAACGTGCAGCGCTATG
436	ACCCGACAACCACCAATTCAAAAA	TTTTTGAATTGGTGGTTGTCGGGT
437	GCGAACACTCATAAGAGCGCCCTG	CAGGGCGCTCTTATGAGTGTTCGC
439	CCGCCGAGTGTAGAGAGACTCCGA	TCGGAGTCTCTCTACACTCGGCGG
440	GACATCGGGAGCCGGAAACATGAG	CTCATGTTTCCGGCTCCCGATGTC
441	TCGTGTAGACTCGGCGACAGGCGT	ACGCCTGTCGCCGAGTCTACACGA
442	ATGCGCATATACTGACTGCGCAGG	CCTGCGCAGTCAGTATATGCGCAT
443	ACAAGCGAACCCGAGTTTTGATGA	TCATCAAAACTCGGGTTCGCTTGT
444	GCATGAGACTCCGCGAAGACATGT	ACATGTCTTCGCGGAGTCTCATGC
445	TCCTACATGTCGCGTCACGATCAC	GTGATCGTGACGCGACATGTAGGA
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446	GACCGATCGCGAAGTCGTACACAT	ATGTGTACGACTTCGCGATCGGTC
447	GTCGCCAGGACTGGGCCGATGTGA	TCACATCGGCCCAGTCCTGGCGAC
448	ACCGATAAGACTTGCATCCGAACG	CGTTCGGATGCAAGTCTTATCGGT
449	TCCATAACCAGTCCGAAGTGCCGG	CCGGCACTTCGGACTGGTTATGGA
450	ACGCGCCCTGCATCTCGTATTTAA	TTAAATACGAGATGCAGGGCGCGT
451	AGACCGCATCAATTGGCGCGTACC	GGTACGCGCCAATTGATGCGGTCT
452	AGAGGCTTGGCAAGTAGGGACCCT	AGGGTCCCTACTTGCCAAGCCTCT
453	GCAATGGACGCCAGACGATACCGG	CCGGTATCGTCTGGCGTCCATTGC
454	GCTGGACTTAGTCGTGTTCGGCGG	CCGCCGAACACGACTAAGTCCAGC
456	AGGCATCGTGCCGGATTGCTCCCT	AGGGAGCAATCCGGCACGATGCCT
457	TGCGCATGTCGACGTTGAACAAAG	CTTTGTTCAACGTCGACATGCGCA
459	TTCGGGTCACATCCGATGCCATAC	GTATGGCATCGGATGTGACCCGAA
460	ACCCATCGCCGGAAAGCGATGTTG	CAACATCGCTTTCCGGCGATGGGT
461	AAGCGCTGACTCGGCTAAGAATCA	TGATTCTTAGCCGAGTCAGCGCTT
462	ACTTCCAAGTCCTTGACCGTCCGA	TCGGACGGTCAAGGACTTGGAAGT
463	TCTCAATATTCCCGTAGTCGCCCA	TGGGCGACTACGGGAATATTGAGA
464	AACAGTTCCTCTTTTTCCTGGCGC	GCGCCAGGAAAAAGAGGAACTGTT
465	CGTCCTCCATGTTGTCACGAACAG	CTGTTCGTGACAACATGGAGGACG
466	TGCGCAGACCTACCTGTCTTTGCT	AGCAAAGACAGGTAGGTCTGCGCA
467	ATGGACGGCTTCGCAGTCCTCCTT	AAGGAGGACTGCGAAGCCGTCCAT
468	TGAACGCTTTCTATGGGCCACGTA	TACGTGGCCCATAGAAAGCGTTCA
469	TGAACCCTGCCGCGAGCGATAACC	GGTTATCGCTCGCGGCAGGGTTCA
470	GTTCTTGCGCGATGAATCAGGACC	GGTCCTGATTCATCGCGCAAGAAC
471	AGGGTACGTGTCGCAGCTTCGCGT	ACGCGAAGCTGCGACACGTACCCT
472	ACCCTTGCTCCGCCATGTCTCTCA	TGAGAGACATGGCGGAGCAAGGGT
473	GGGACAAGGATTGAAGCTGGCGTC	GACGCCAGCTTCAATCCTTGTCCC
474	TGTCGTTGCTCCCGAGTACCATTG	CAATGGTACTCGGGAGCAACGACA
475	GTTGTCCGAGACGTTTGTGTCAGC	GCTGACACAACGTCTCGGACAAC
477	GCTGGTGAACACTCACGAACCGCT	AGCGGTTCGTGAGTGTTCACCAGC
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485	AGTACACGGGCGTGTTAGCGCTCC	GGAGCGCTAACACGCCCGTGTACT
486	TCCTGTGTGGTGGCGCACTCCCAC	GTGGGAGTGCGCCACCACACAGGA



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488	AGTGAGTGACCAAGGCAGGAGCAA	TTGCTCCTGCCTTGGTCACTCACT
489	CATCTTTCGCGGAGTTTATTGCGG	CCGCAATAAACTCCGCGAAAGATG
490	CTTCGTCCGGTTAGTGCGACAGCA	TGCTGTCGCACTAACCGGACGAAG
491	CTCACGAAAACGTGGGCCCGAAAT	ATTTCGGGCCCACGTTTTCGTGAG
492	CGCAGCAGCTGAACTCTAGCATTG	CAATGCTAGAGTTCAGCTGCTGCG
493	AGGAGACATACGCCCAAATGGTGC	GCACCATTTGGGCGTATGTCTCCT
494	ATTGAGAACTCGTGCGGGAGTTTG	CAAACTCCCGCACGAGTTCTCAAT
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496	GCCGCAGGGTCGATAATTGGTCTA	TAGACCAATTATCGACCCTGCGGC
497	AAACGCCGCCCTGAGACTATTGGG	CCCAATAGTCTCAGGGCGGCGTTT
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499	CGGATGGGTTGCAGAGTATGGGAT	ATCCCATACTCTGCAACCCATCCG
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503	TGGAGAGAGACTTCGGCCATTGTT	AACAATGGCCGAAGTCTCTCCA
505	TTGCGCTCATTGGATCTTGTCAGG	CCTGACAAGATCCAATGAGCGCAA
506	AGCGCGTTAAAGCACGGCAACATT	AATGTTGCCGTGCTTTAACGCGCT
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508	CGACTGATGTGCAACCAGCAGCTG	CAGCTGCTGGTTGCACATCAGTCG
509	GGTTGCTCATACGACGAGCGAGTG	CACTCGCTCGTCGTATGAGCAACC
510	GCGCAAATCCACGGAACCCGTACC	GGTACGGGTTCCGTGGATTTGCGC
511	ACGCAGTTTATTCCCCTGGCTTCT	AGAAGCCAGGGGAATAAACTGCGT
512	AGAACCTCCGCGCCTCCGTAGTAG	CTACTACGGAGGCGCGGAGGTTCT
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516	GGGAGACAGCCATTATGGTCCTCG	CGAGGACCATAATGGCTGTCTCCC
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518	CCACCGGTCGCTTAAGATGCACTT	AAGTGCATCTTAAGCGACCGGTGG
519	CGGCATAACGTCCAGTCCTGGGAC	GTCCCAGGACTGGACGTTATGCCG
520	AAGCGGAACGGGTTATACCGAGGT	ACCTCGGTATAACCCGTTCCGCTT
521	TGCACACTAGGTCCGTCGCTTGAT	ATCAAGCGACGGACCTAGTGTGCA
522	AGGGAACCGCGTTCAAACTCAGTT	AACTGAGTTTGAACGCGGTTCCCT
523	GAATTACAACCACCGCTCGTGTT	AACACGAGCGGGTGGTTGTAATTC
524	TTCAGTGCTCACGAAGCATGGATT	AATCCATGCTTCGTGAGCACTGAA
525	TTAGTTTGGCGTTGGGACTTCACC	GGTGAAGTCCCAACGCCAAACTAA



526	AATGCGACCTCGACGAGCCTCATA	TATGAGGCTCGTCGAGGTCGCATT
527	CCGAAACCGTTAACGTGGCGCACA	TGTGCGCCACGTTAACGGTTTCGG
528	TAAAGTAACAAGGCGACCTCCCGC	GCGGGAGGTCGCCTTGTTACTTTA
529	TAATGATTTTAGTCGCGGGGTGGG	CCCACCCGCGACTAAAATCATTA
530	GGCTACTCTAAGTGCCCGCTCAGG	CCTGAGCGGGCACTTAGAGTAGCC
531	TGGCGGACGACTCAATATCTCACG	CGTGAGATATTGAGTCGTCCGCCA
532	GGGCGTTAGGCGTAATAGACCGTC	GACGGTCTATTACGCCTAACGCCC
533	GCCACCTTTAGACGGCGGCTCTAG	CTAGAGCCGCCGTCTAAAGGTGGC
534	GAGATGTGTAAACGTGCAGGCACC	GGTGCCTGCACGTTTACACATCTC
535	TAGCTCGTGGCCCTCCAAGCGTGT	ACACGCTTGGAGGGCCACGAGCTA
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537	CCAGGGAAGCAACTGGTTGCCATT	AATGGCAACCAGTTGCTTCCCTGG
538	TTCCGAAACTAAGCCAGAACCGCT	AGCGGTTCTGGCTTAGTTTCGGAA
539	GCAAACCCGGTAACCCGAGAGTTC	GAACTCTCGGGTTACCGGGTTTGC
540	GCAAATGGCGTCATGCACGAACGT	ACGTTCGTGCATGACGCCATTTGC
542	AGTACTTTCGCGCCCAGTTTAGGG	CCCTAAACTGGGCGCGAAAGTACT
543	AAGATCTGCGAGGCATCCCGGCTT	AAGCCGGGATGCCTCGCAGATCTT
544	GCAAGTGTATCGCACAGTGCGATT	AATCGCACTGTGCGATACACTTGC
545	CCGACAAGGCCTCAATTCATTCTG	CAGAATGAATTGAGGCCTTGTCGG
546	GTCTCGTCTCAACTTTAAGGCGCG	CGCGCCTTAAAGTTGAGACGAGAC
547	ATCCAGAGATCCGTTTTGCAGCGT	ACGCTGCAAAACGGATCTCTGGAT
548	GTCACCAGGAGGGAAGTTTCACCC	GGGTGAAACTTCCCTCCTGGTGAC
550	TTCCGTCAGGCGGATCAACGGAAT	ATTCCGTTGATCCGCCTGACGGAA
551	ATGCCGGACACGCATTACACAGGC	GCCTGTGTAATGCGTGTCCGGCAT
552	TGGGCCGCTTGGCGCTTTCATAGA	TCTATGAAAGCGCCAAGCGGCCCA
553	CCTAGCGCGAGCTTTACTGACCAG	CTGGTCAGTAAAGCTCGCGCTAGG
554	TTGGCCAGGAATATGGTCTCGAGA	TCTCGAGACCATATTCCTGGCCAA
555	GTCTGCGGCCGACTTGCTATGCAT	ATGCATAGCAAGTCGGCCGCAGAC
556	AACTTGCTCATTCTCAAGCCGACG	CGTCGGCTTGAGAATGAGCAAGTT
557	ACGTCAGCGATTGTGGCGAAATAT	ATATTTCGCCACAATCGCTGACGT
558	ACGGCCTGCGTCAGCACATGCATC	GATGCATGTGCTGACGCAGGCCGT
559	ATACCTCCGCAGAACCATTCCGTT	AACGGAATGGTTCTGCGGAGGTAT
560	AGTTCGCGGTCCCACGATTCACTT	AAGTGAATCGTGGGACCGCGAACT
561	TGCTCAATTTGTGCAGAAAACGCC	GGCGTTTTCTGCACAAATTGAGCA
562	TTATCGCGAGAGACGACCGTGTCC	GGACACGGTCGTCTCTCGCGATAA
563	GACGCGACGTGAGTAGTGGAAGCG	CGCTTCCACTACTCACGTCGCGTC
564	ATGGTAGGGCATTGGGCTTTCCT	AGGAAAGCCCAATGCCCCTACCAT
565	CCAAATATAGCCGCGCGGAGACAT	ATGTCTCCGCGCGGCTATATTTGG



ECC	GCAAACCCTGATTGAATCGTGCCC	GGGCACGATTCAATCAGGGTTTGC
566		CCCATGGTTTCACGCAAGACGCTA
567	TAGCGTCTTGCGTGAAACCATGGG	AAGAGTCCAGCGCTGTCGGGGTGG
568	CCACCCGACAGCGCTGGACTCTT	
569	ACGAGCACTGAAGGCTGCTTTACG	CGTAAAGCAGCCTTCAGTGCTCGT
570	CATATCAGCGTCGTCTAGCTCGCG	CGCGAGCTAGACGACGCTGATATG
571	TGATCCCGGACCGGCTAGACTAAT	ATTAGTCTAGCCGGTCCGGGATCA
572	GGCCCGACACTACAGGGTAATCA	TGATTACCCTGTAGTGTCGGGGCC
573	GGCTCCAGGGCGAGATTATGAATG	CATTCATAATCTCGCCCTGGAGCC
574	CAAAATCCGATGGGCGGAAAATTA	TAATTTTCCGCCCATCGGATTTTG
575	CACAGGCGCATAGGGAGCAAGCTA	TAGCTTGCTCCCTATGCGCCTGTG
576	TAGCTATTGCCCCGATGGGCTACT	AGTAGCCCATCGGGGCAATAGCTA
577	TGGTACGCGGTCCATAGCAAGTCG	CGACTTGCTATGGACCGCGTACCA
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579	CCTGGGTTCGCCGCGTGGTAACTG	CAGTTACCACGCGGCGAACCCAGG
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582	AAAAATGGCACCGAAGTTGAGGCA	TGCCTCAACTTCGGTGCCATTTTT
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586	TCTCAGTCGGACTCGTATGCCAGA	TCTGGCATACGAGTCCGACTGAGA
587	CTCCAAACGCACACATCAAGCATC	GATGCTTGATGTGTGCGTTTGGAG
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589	GGTGTCGGAGGGTGGTGACCTCGA	TCGAGGTCACCACCCTCCGACACC
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591	CCGAGGACTTACGTCTGCCCAGGA	TCCTGGGCAGACGTAAGTCCTCGG
592	GCCCAATCCAGTTCTTATGCGCCC	GGGCGCATAAGAACTGGATTGGGC
593	CGGGTTAACCCACGCAAGTTATGA	TCATAACTTGCGTGGGTTAACCCG
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598	CGCGGTGTTTTGTCTAGGTGCCGG	CCGGCACCTAGACAAAACACCGCG
600	CAACATTGTGGTGGCACTCCATCC	GGATGGAGTGCCACCACAATGTTG
601	CGATACGCGCCGGTTTGTTAAATC	GATTTAACAAACCGGCGCGTATCG
602	GGCTATAAACGTGCGGACTGCTCC	GGAGCAGTCCGCACGTTTATAGCC
603	TGGGTAAATCACTATTGCGCGGTT	AACCGCGCAATAGTGATTTACCCA
604	GTCTTCATCGGCCCGCGCAAGCTA	TAGCTTGCGCGGGCCGATGAAGAC



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605	GCGACACCCCTGTACTCTGATGC	GCATCAGAGTACAGGGTGTGTCGC
606	GTAGCAGGGTCCGCAAGACCAAGC	GCTTGGTCTTGCGGACCCTGCTAC
607	TCGCCAACGCAGGGTAACTGCCAT	ATGGCAGTTACCCTGCGTTGGCGA
608	ACTCCGAAGCTTCGAGCGGCACGA	TCGTGCCGCTCGAAGCTTCGGAGT
609	TCCCGCCCACTAGACTGACTCGTA	TACGAGTCAGTCTAGTGGGCGGGA
610	ACCTTCTGGGGTCGCTCACCAATA	TATTGGTGAGCGACCCCAGAAGGT
611	ATCATCCCACGGCAGAGTGAAGAG	CTCTTCACTCTGCCGTGGGATGAT
612	CGCTGGACTGGCCTATCCGAGTCG	CGACTCGGATAGGCCAGTCCAGCG
613	CGGTCTCAGCAACACTGTCGCAAA	TTTGCGACAGTGTTGCTGAGACCG
614	CGAACGTTCTCCGATGTAATGGCC	GGCCATTACATCGGAGAACGTTCG
615	ATACCGTGCGACAAGCCCCTCTGA	TCAGAGGGGCTTGTCGCACGGTAT
616	AGCTCATTCCCGAGACGGAACACC	GGTGTTCCGTCTCGGGAATGAGCT
617	TTTCATGCGGCCGTTGCAAATCAT	ATGATTTGCAACGGCCGCATGAAA
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619	CTGCATGGTGTGGGTGAGACTCCC	GGGAGTCTCACCCACACCATGCAG
620	CCGCGAGTGTGGATGGCGTGTTGA	TCAACACGCCATCCACACTCGCGG
621	AATGTGTCGGTCCTAAGCCGGGTG	CACCCGGCTTAGGACCGACACATT
622	TAAGACGAGCCTGCACAGCTTGCG	CGCAAGCTGTGCAGGCTCGTCTTA
623	GGCGTGGGAGGATAAGACGATGTC	GACATCGTCTTATCCTCCCACGCC
624	TGCTCCATGTTAGGAACGCACCAC	GTGGTGCGTTCCTAACATGGAGCA
625	CGGTGTTGGTCGGACTGACGACTG	CAGTCGTCAGTCCGACCAACACCG
626	CCGCGCGTATCTATCAGATCTGGG	CCCAGATCTGATAGATACGCGCGG
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628	ACTTGCATCGCTGGGTAGATCCGG	CCGGATCTACCCAGCGATGCAAGT
629	TGCTTACGCAGTGGATTGGTCAGA	TCTGACCAATCCACTGCGTAAGCA
630	ATGCAGATGAACAAATCGCCGAAT	ATTCGGCGATTTGTTCATCTGCAT
631	GCAATTCTGGGCCATGTATTCGTC	GACGAATACATGGCCCAGAATTGC
632	AGGGTTCCTTACGCGTCGACATGG	CCATGTCGACGCGTAAGGAACCCT
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634	TCGTAGTCTCACCGGCAATGATCC	GGATCATTGCCGGTGAGACTACGA
635	TTATAGCAGTGCGCCAATGCTTCG	CGAAGCATTGGCGCACTGCTATAA
636	CGAACAGTGCTGTCCGTCGCTCAA	TTGAGCGACGGACAGCACTGTTCG
637	TCCGCGTGGACTGTTAGACGCTAT	ATAGCGTCTAACAGTCCACGCGGA
638	CATTAGCCCGCTGTCGGTAACTGT	ACAGTTACCGACAGCGGGCTAATG
639	GGAAAGAAACTCAGACGCGCAATG	CATTGCGCGTCTGAGTTTCTTTCC
640	CGACTCGCTGGACAGGAGAATCGT	ACGATTCTCCTGTCCAGCGAGTCG
641	CATGATCCTCTGTTTCACCCGCGG	CCGCGGGTGAAACAGAGGATCATG
642	GGCGTAGCGCTCTAAAAGCTTCGG	CCGAAGCTTTTAGAGCGCTACGCC



0.40	IACTOATOOOATOACCCCCTATAC	CTATACCCCCCTCATCCCATCACT
643	AGTGATGCCATCAGGCCCGTATAC	GTATACGGGCCTGATGGCATCACT
644	TATGGAAAGGGCAACAGCGCTATC	GATAGCGCTGTTGCCCTTTCCATA
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646	ACTCGCTGGAATTTGCGCTGACAC	GTGTCAGCGCAAATTCCAGCGAGT
647	CAGGCCCGAACCACGCGGTTACAG	CTGTAACCGCGTGGTTCGGGCCTG
648	GGCGCAATGGGCGCATAAATACTA	TAGTATTTATGCGCCCATTGCGCC
649	GGTCAATTCGCGCTACATGCCCTA	TAGGGCATGTAGCGCGAATTGACC
651	GATGGTGGACTGGAGCCCTTCCGC	GCGGAAGGGCTCCAGTCCACCATC
652	CCGCGCATAGCGCAATAGGGGAGA	TCTCCCCTATTGCGCTATGCGCGG
653	TCTTCTGGCTGTCCGGCACCCGAA	TTCGGGTGCCGGACAGCCAGAAGA
654	GCGTTCGCAATTCACGGGCCCTTA	TAAGGCCCGTGAATTGCGAACGC
655	TCGTTTCGGCCTTGGAGAGTATCG	CGATACTCTCCAAGGCCGAAACGA
656	AGGTGCAAGTGCAAGGCGAGAGGC	GCCTCTCGCCTTGCACTTGCACCT
657	CGCCAGTTTCGATGGCTGACGTTT	AAACGTCAGCCATCGAAACTGGCG
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676	CTCATCGTCCTAACACGAGAGCCC	GGGCTCTCGTGTTAGGACGATGAG
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679	AAATTCTCGTTGGTGACGGCTCAT	ATGAGCCGTCACCAACGAGAATTT
680	TTGCTCTTATCCTTGTCCTGGGCG	CGCCCAGGACAAGGATAAGAGCAA
681	TTAAGGATCAGGCGGAGCTTGCAG	CTGCAAGCTCCGCCTGATCCTTAA

		1. AVII.
682	CGCGACTAAGGTGCTGCAACTCGA	TCGAGTTGCAGCACCTTAGTCGCG
683	GCTCGATTTCACGGCCCGTTGTTC	GAACAACGGGCCGTGAAATCGAGC
684	AGCAGAGTGCGTTGCAGAGGCTAA	TTAGCCTCTGCAACGCACTCTGCT
685	TGGAGGTGAGGACGACGTGCACTA	TAGTGCACGTCGTCCTCACCTCCA
686	AACCGTTTAGGGTACATTCGCGGT	ACCGCGAATGTACCCTAAACGGTT
687	TATGATCGCTCGGCTCACAGTTTG	CAAACTGTGAGCCGAGCGATCATA
688	GACTTTTTGCGGAAACGTCATGGT	ACCATGACGTTTCCGCAAAAAGTC
689	TGTCGGTTATTCCACCTGCAAGGA	TCCTTGCAGGTGGAATAACCGACA
690	CTATGGTTTGCACTGCGCCGTCGA	TCGACGCCCAGTGCAAACCATAG
691	AGCAGGGAAATTCAATCGTTCGCA	TGCGAACGATTGAATTTCCCTGCT
692	CCTAACCGAGCGCTTAGCATTTCC	GGAAATGCTAAGCGCTCGGTTAGG
693	CCCGACCCTAACTCGCATTGAATA	TATTCAATGCGAGTTAGGGTCGGG
694	TTGCTTAATGGTGACGCCACGGAT	ATCCGTGGCGTCACCATTAAGCAA
695	GATGCTCGCCGTGTTTAGTTCACG	CGTGAACTAAACACGGCGAGCATC
696	TCGGATGACGAGTTTCCATGACGG	CCGTCATGGAAACTCGTCATCCGA
697	ATGCGGTCTACTTTCTCGATCGGG	CCCGATCGAGAAAGTAGACCGCAT
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701	TGCGGATTACCGATTCGCTCTTAA	TTAAGAGCGAATCGGTAATCCGCA
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703	TCGCTCCGTAGCGATTCATCGTAG	CTACGATGAATCGCTACGGAGCGA
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708	GTCGCATTCTGCACTGGCTTCGCC	GGCGAAGCCAGTGCAGAATGCGAC
709	TGATTAGGTGCGGTCCCGTAGTCC	GGACTACGGGACCGCACCTAATCA
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712	CTCCGACGACCAATAAATAGCCGC	GCGGCTATTTATTGGTCGTCGGAG
713	GGCTATTCCCGTAGAGAGCGTCCA	TGGACGCTCTCTACGGGAATAGCC
714	TGGATAACCTCTCGGTCCATCCAC	GTGGATGGACCGAGAGGTTATCCA
715	GACCGCTGTACGGGAGTGTGCCTT	AAGGCACACTCCCGTACAGCGGTC
716	GCCACAGAGTTTTAGCAGGGACCC	GGGTCCCTGCTAAAACTCTGTGGC
717	CCCACGCTTTCCGACCACTGACCT	AGGTCAGTGGTCGGAAAGCGTGGG
718	CATTGACACAATGCGGGGACTGAT	ATCAGTCCCCGCATTGTGTCAATG
719	AGCCACTCGACAGGGTTCCAAAGC	GCTTTGGAACCCTGTCGAGTGGCT

721 C/ 722 G/ 723 TT 724 C/ 725 C	AAGGTATGGTCTGGGGCCTAAGC GTGTTCGGCCTAAACTCTTTCGG TTAGTCGGACCCTGTGGCAATTC ACACGTTTCCGACCAGCCTGAAC TGGACGAACTGGCTTCCTCGTAC	TGGAGAGTCGCTTTGCTCATCCTG GCTTAGGCCCCAGACCATACCTTG CCGAAAGAGTTTAGGCCGAACACC GAATTGCCACAGGGTCCGACTAAA GTTCAGGCTGGTCGGAAACGTGTG
722 G/ 723 TT 724 C/ 725 C	GTGTTCGGCCTAAACTCTTTCGG ITAGTCGGACCCTGTGGCAATTC ACACGTTTCCGACCAGCCTGAAC TGGACGAACTGGCTTCCTCGTAC	CCGAAAGAGTTTAGGCCGAACACC GAATTGCCACAGGGTCCGACTAAA
723 TT 724 C/ 725 C	TTAGTCGGACCCTGTGGCAATTC ACACGTTTCCGACCAGCCTGAAC TGGACGAACTGGCTTCCTCGTAC	GAATTGCCACAGGGTCCGACTAAA
724 C/ 725 C	ACACGTTTCCGACCAGCCTGAAC TGGACGAACTGGCTTCCTCGTAC	
725 C	TGGACGAACTGGCTTCCTCGTAC	GTTCAGGCTGGTCGGAAACGTGTG
726 T	TO A O A A TO CO CO CO A A A A CT C A C C	GTACGAGGAAGCCAGTTCGTCCAG
	TCACAATCCGCCGAAAACTGACC	GGTCAGTTTTCGGCGGATTGTGAA
727 A	ACAGGATATCCGCGATCACGACA	TGTCGTGATCGCGGATATCCTGTT
728 TA	ACGTCGGATCCATTGCGCCGAGT	ACTCGGCGCAATGGATCCGACGTA
729 C	ATGGATCTCTCGGTTTGATCGCC	GGCGATCAAACCGAGAGATCCATG
730 A	GCCAGGCGCGTATATACGCTCGG	CCGAGCGTATATACGCGCCTGGCT
731 A	TTTGGCACGTGTCGTGCCATGTT	AACATGGCACGACACGTGCCAAAT
732 C	CGCGTTGCACCACTTTGAGGTGC	GCACCTCAAAGTGGTGCAACGCGG
733 T	TGGACGTGACAAGCATGGCGCTC	GAGCGCCATGCTTGTCACGTCCAA
734 C	TGAATCGCGCAAGTAAATGGGGG	CCCCATTTACTTGCGCGATTCAG
735 G	ATAAGGTCCACCAGATTGCGCGC	GCGCGCAATCTGGTGGACCTTATC
736 C	TAACAATTGCCAACCGGGACGGC	GCCGTCCCGGTTGGCAATTGTTAG
737 G	GTAACCTGGGTGCTTGCAGGTTA	TAACCTGCAAGCACCCAGGTTACC
738 A	TCGGAGCCACCATTCGCATTGGG	CCCAATGCGAATGGTGGCTCCGAT
739 G	TGAACTGGCTTGCCCCAGGATTA	TAATCCTGGGGCAAGCCAGTTCAC
740 A	GGCGATAGCATGGTCCCATATGA	TCATATGGGACCATGCTATCGCCT
741 A	ACGGTATCGTGGCTAATGCACGA	TCGTGCATTAGCCACGATACCGTT
742 A	GTAGTGGTCCTCCAGATCGGCAA	TTGCCGATCTGGAGGACCACTACT
743 C	CGTTGAATTGGACGGGAGGTTAG	CTAACCTCCCGTCCAATTCAACGG
744 G	CATAAGTGCGGCATCGCGAAGGG	CCCTTCGCGATGCCGCACTTATGC
745 C	GACAAGATGCAGCTGCTACATGC	GCATGTAGCAGCTGCATCTTGTCG
746 T	CGCAGTGATTCCCGACCGATAAG	CTTATCGGTCGGGAATCACTGCGA
747 C	AAGGCGAGTCCACTCGAGGGGAC	GTCCCCTCGAGTGGACTCGCCTTG
748 G	CAACTTGCACGGCATAAGTGGCC	GGCCACTTATGCCGTGCAAGTTGC
749 T	CCGAGCTTGACGTTCGCGACGTC	GACGTCGCGAACGTCAAGCTCGGA
750 A	GCGCTGGGCTGTGCCATCTC	GAGATGGCAGCACAGCCCAGCGCT
751 T	TCATGTCGCTGAGTAACCCTCGC	GCGAGGGTTACTCAGCGACATGAA
752 C	GAACCGCTAATGCCCATTGTCAG	CTGACAATGGGCATTAGCGGTTCG
753 C	CACGGAAGGTGGGACAAATCGCCG	CGGCGATTTGTCCCACCTTCCGTG
754 C	CACAGATGGAGACAAACGCGCCTT	AAGGCGCGTTTGTCTCCATCTGTG
755 T	TTTCGCAACTCGCTCCATAACCC	GGGTTATGGAGCGAGTTGCGAAAA
756 A	CGTTACGTTTCCGGCGCCTCTAA	TTAGAGGCGCCGGAAACGTAACGT
757 T	ATCGGATTGCGTGGGTTTCAATC	GATTGAAACCCACGCAATCCGATA



758	CTTCCACAATTGTCTGCGACGCAC	GTGCGTCGCAGACAATTGTGGAAG
759	TGCACAAAGGTATGGCTGTCCGGC	GCCGGACAGCCATACCTTTGTGCA
761	TCCGATGCCAGTCCCATCTTAAGA	TCTTAAGATGGGACTGGCATCGGA
762	CTGAAACCGTGCGAATCGAGGTGA	TCACCTCGATTCGCACGGTTTCAG
763	CGGTGTTCCGCGTGTCGAAAAAAT	ATTTTTCGACACGCGGAACACCG
764	TCTAGCAGGCCTTTTGAATCGCCA	TGGCGATTCAAAAGGCCTGCTAGA
765	GAGTCACCTCTGAGACGGACGCCA	TGGCGTCCGTCTCAGAGGTGACTC
766	TCTTCTGTCATCCTGCAGCAGCAT	ATGCTGCTGCAGGATGACAGAAGA
767	GCGGATGAAACCTGAAAGGGGCCT	AGGCCCCTTTCAGGTTTCATCCGC
768	GGGGCCCAAACTGGTATCAAGCC	GGCTTGATACCAGTTTGGGGCCCC
769	GCATTGGCTTCGGATTCTCCTACA	TGTAGGAGAATCCGAAGCCAATGC
770	AGGCGGCCCAACTGTGAGGTCTTG	CAAGACCTCACAGTTGGGCCGCCT
771	ACACCATGTGCTCCGCGCTGCAGT	ACTGCAGCGCGGAGCACATGGTGT
772	ACGATGAACATGAATCGGGAGTCG	CGACTCCCGATTCATGTTCATCGT
773	CTGCATCCCTGTAGCAGCGCTCCG	CGGAGCGCTGCTACAGGGATGCAG
774	GTGCCGTATTTCGACCTGTGCGTT	AACGCACAGGTCGAAATACGGCAC
775	GCAGTGCGCACTTCAGTTCAAAAG	CTTTTGAACTGAAGTGCGCACTGC
776	GCGATTTTAAGCGATGCCTTGACG	CGTCAAGGCATCGCTTAAAATCGC
777	TAGGTGACCTAGGCTTGCTTGCGG	CCGCAAGCAAGCCTAGGTCACCTA
778	CTGGATACCTTGCCTGTGCGGCGC	GCGCCGCACAGGCAAGGTATCCAG
779	CCCCTTACGGCTCGTCGTCTATGC	GCATAGACGACGAGCCGTAAGGGG
780	GCGCTTGCCCGATGCGATGCATTA	TAATGCATCGCATCGGGCAAGCGC
781	TTTCTGTAAGCGGCCTGGGGTTCA	TGAACCCCAGGCCGCTTACAGAAA
782	GGCTGAGGTGAGCGGTAAGGATGA	TCATCCTTACCGCTCACCTCAGCC
783	TCTTGGCCTCCCCGATCTAATTTG	CAAATTAGATCGGGGAGGCCAAGA
784	GGAGGTAACGCCGTGTACGTAGGA	TCCTACGTACACGGCGTTACCTCC
785	GTAATCCATTTGTGGCTGCGTCAA	TTGACGCAGCCACAAATGGATTAC
786	CAAACCCATTCCAGCAGACGCCTG	CAGGCGTCTGCTGGAATGGGTTTG
787	TAGGAGGAATTTGGCATGCGGGCG	CGCCCGCATGCCAAATTCCTCCTA
788	ATAGGTAGGATGTGCCCGGCGTTG	CAACGCCGGGCACATCCTACCTAT
789	GCAAGTGCTTAGCTCGTCAGCCTC	GAGGCTGACGAGCTAAGCACTTGC
790	CTGGCTGTGTCGCATCTCGTTAAC	GTTAACGAGATGCGACACAGCCAG
791	CTAACGTCGTCTCGCGCAATCACT	AGTGATTGCGCGAGACGACGTTAG
792	TTTTCATAAACGTTGTCCCCGAGC	GCTCGGGGACAACGTTTATGAAAA
793	AGCAGGAGGACGAACCTCCGCTCC	GGAGCGGAGGTTCGTCCTCCTGCT
794	TTCAAGCACCATCGTGCAATCCAA	TTGGATTGCACGATGGTGCTTGAA
795	AGCGTCGCCAGTGATCGCTAGTGG	CCACTAGCGATCACTGGCGACGCT
		



797 CGCTTGGGTATTCAGTAGGGGTT AACCGGTACGACACTCATTATA TATAATGAGTGTCGACGCGCACACTCAGCT 798 TCGGACGGGCCACACCTCAGCT AGCTGGACGGCTCCAGCT AGCTGGACGGCTGCAGCT AGCTGGACGGCTGCAGCT AGCTGGACGGCTGCAGCT AGCTGGACGGCTGCAGCT AGCTGGACGGCTGCAGCT AGCTGGACGCCTGCACAGCT AGCTGCACGCTTCAGAGCCCTGCTCAGA B00 TTGAATTCCCAAGCCCTGAAAGCC GGCTTTCAGGGCTGGCCAAATCCA B01 AGTTTCATAGGCCACGCGTGCTAAA TTTAGCACGCGTGGCCTATAAATTTAGCACGCGTGGCCTATGAAAC B03 GGAGCGAAGACTTCGTCTCCCAA TTGGCCAGAGGCTTAGACCC B04 ATTGGCCCAGGGGTGATACATTTCCAT ATGGACAAGCATTCACCTCGCCAAT B05 TGATCCATCCGAATGCTTTTCCAT ATGGAAAAGCATTCGGCTCGC B06 GCACACAGTTGTCTTGCCCATA B07 TGGCGGGCAATGCATCTTTCCAT B08 GCACACAGTTGTCTTGGCCCATGA B08 ATCTCCATGCGAAAAAACAAC B08 GCACACAGTTGTCTTGGCCCATGA B09 TCTCCCTCTGTGCCAAGACTCCCC CGGAGCAGTCTTACCCCTCGGCCATG B09 TCTCCTCTTGTCGCAAAAAACAAC B10 TAGCGTATTCACCTTGCCCAAG B10 TAGCGTATTCACCTTGCCCAAGC B11 CAATCAAAAGCCACGCGCGAGTGG CCATCGCGCAGACTGCACACTGCACCAACTGCGACACTGCACACACA			
TOTGAGCAGGCCAGCCTCAAAGCC 800 TTGAATTGCCAAAGCCCTGAAAGCC 801 TGAATTGCCAAGCCCTGAAAGCC 802 GTTTCAGGGCTTGGCAATTCAA 803 AGTTTTCACTTGATGCGTCGGTG 804 AGTTTCATAGGCCACCGCTGCTAAA 805 GGAGCGAAGACTTCGTCTGCCCAA 806 GGAGCGAAGACTTCGTCTGCCCAA 807 TGATCCATCCGAATTCGTCTGCCCAA 808 ATTGGCCGAGGGTGAATTCACCCTTAGAACC 809 ATTGGCCGAGGGTGAATTCACCCTTAGAACC 800 ATTGGCCGAGGGTGAATTCACCCTTAGAACC 800 ATTGGCCGAGGGTGAATTCACCCTTAGAACC 801 ATTGGCCGAGGGTGAATTCACCCTTAGAACC 802 TGATCCATCCGAATGCTTTTCCAT 803 GGAGCAAAGCATTCGTCTGCCAA 804 ATTGGCCGAGGGGAAAAACAACC 805 TGATCCATCCGAATGCTTTTCCAT 806 GCACACAGTTGTCTTGGCCCATGA 807 CTGGCGGGCAGTGCAAAAACAAC 808 ATCTCCATCCGAATGCTCCC 808 ATCTCCATCGGAGCTGCCCC 809 TCTCCTCTGGTCGCAGTTCCTGGC 800 TCTCCTCTCTGTCGCAGTTCCTGGA 801 TAGCGTATTCACCTTTGCCGAGCA 810 TAGCGTATTCACTCTTGCCGAGCA 811 CAATCAAAAGCCACGGCGGAGAACAACTGCGACGAGAGAAA 810 TAGCGTATTCACTCTTGCCGAGCA 811 CAATCAAAAGCCACGGCGCGATGG 812 AGCGTCACGGAATTCAGCAGATCT 813 GACTCCCTGTTAATGCCCCAAGC 814 TAGGCACTGCCGGTTCAGAATTCAA 815 AACAGGGTGATAACGGTGCCCA 816 CGTGCGTACCAGTTCAGAATTCAA 817 GACCAATTCTACTCTTGGCCAAT 818 ACCAGGGTGATAACGGTGGCCAAT 819 GACCAATTCTACTTTGGCGCACCA 810 CACCAAAAGCAAATCGGTCCCGTTACCACCCTGTT 811 CACCAAATCCACTGTTAAGTGCGT 812 AGCGCAAAAGCAAATCGGCCCAA 813 GACCCCATTTACACCATGGTACCCCTGTT 814 CACCGAAAACCAATTCACCCTGGTT 815 CACCAAAACCAATTCACTCTTGGCAGCCCAA 816 CGTGCGTACCATGTTAAGTGCGT 817 GACCAATTCTACTTTGGCAGCCCAA 818 ATCGGCCCGAAGCACACCCTTATTCC 819 TCCCCCCAAGCCACACCCTTATTCC 820 AACGGTACGCATTTGCTTTTTCCCTTGAATTCCGCTGGACCCTA 821 TGGCCACAACCACCTTATTCC 822 CAGAGGGGACACCCCGTTAGCCTTA 823 CGGTGGTTTTATCGGCACCCA 824 TTGGCCTCCCACGACACCCTTATTCC 825 CAGAGGGGACACCCCGTTAGCCTTA 826 CACTCACCGGGACCCCACTCACCACATAT 827 TATTTCGCTAGCACCCACACACTAT 828 CCGCTATGCTACCCGGATTCCCCCAGACACACACACACAC	797	CGCTTCGCGTATTCAGTAGCGGTT	AACCGCTACTGAATACGCGAAGCG
800 TTGAATTGCCAAGCCCTGAAAGCC 801 AGTTTCATGCCTTGATGCGTGGTG CACCGACGCATCAAGGCGAAAACT 802 GTTTCATAGGCCACGCGTGCTAAA TTTAGCACGCTGGCCTATGAAAC 803 GGACGAAGACTTCGTCTGCCCAA TTGGGCAGCAGAAGCTTCGGCCCA 804 ATTGGCCGAGGGTGAATGCACCT AGGCTGCCTATGAAAC 805 TGATCCATCCGAATGCTTTTCCAT ATGGAAAGCATTCGGCCCAT 806 GCACCACAGTTGTCTTGGCCCATA ATGGAAAAGCATTCGGATGCATCA 807 CTGGCGGGCAATGCTTTTCCAT ATGGAAAAGCATTCGGATGGATCA 808 GCACACACTTGTCTTGGCCCATGA TCATGGGCCAAGCAACTGTGTGC 807 CTGGCGGGCAGTGGAAAAAACAAC GTTGTTTTTCCACTGCCCGCCAG 808 ATCTCCATGCGTAAGACTGCTCCG CGGAGCAGTCTTACGCATGGAGT 809 TCTCCTCTGTCGCAGTTCGTGGA TCCACGAACTGCGACGAGGAGA 810 TAGCGTATTCACTCTTGCCGAGCA TCCACGAACTGCGACGAGAGAGA 811 CAATCAAAAGCCACGCGCGATGG CCATCGCGCCGTGGCTTTTGATTG 812 AGCGTCACGGAATTCAGCAGATCT AGATCTGCTGAATTCCGTGACGT 813 GACTCCCTGTTAATGCGCCCAAGG CCTTGGGCCGTTGAATTCCGTGACGCT 814 TAGGCACTGCCGGTTCAGATTCAA TTGAATCTGAACCGGCAGGAGGAG 815 AACAGGGTGATAACAGTGGCCAAT ATTGGCCACCGTTAACACGGAGTC 816 CGTGCGTACATGTGAAGTGCAA TATTGGCCACCGTTATCACCCTGTT 817 GACCAATTCTACTTTGCGCCCAAT ATTGGCCACCGTTATCACCCTGTT 818 ATCGGCACATGTGTAAGTGCGT ACGCACTTACACATGGTACCCCTG 819 TCCGCCGAAGCACACGCTTATTCG CGAACTACACATGGTACCCCTGTT 819 TCCGCCGAAGCACACGCTTATTCG CGAACTACACATGGTACCCCGTT 819 TCCGCCGAAGCACACGCTTATTCG CGAACTACACATGGTACCCCGT 820 AACGGTACCATTGTGAGCCAAT CTGGCCCAAAGCAAATCGGTCCGAT 821 TGGCGACTACTGTTGAGCCAAT CAGCCCAAAAGCAAATCGGTCCCGAT 822 CAGAGGGGACACCCCTTATTCG CGAACTACACATGGTTCCCCTTG 822 CAGAGGGACACCCCTTATTCG CGAACTACCACACTGGACCCCATTACACCCCGGTTTTTCGCCCCACGTTTTTCGCCCCACACTTCCCCCTCTTTCGCCGAACACCCCCGATTCTCCCCTCGACCCCATCCCCCCCTTTCTCCCCCCGAACCCCCCCC	798	TCGGACGCGTCGACACTCATTATA	TATAATGAGTGTCGACGCGTCCGA
801 AGTITTCGCCTIGATGCGTCGGTG CACCGACGCATCAAGGCGAAAACT 802 GTITCATAGGCCACGCGTGCTAAA TITAGCACGCGTGGCCTATGAAAC 803 GGAGCGAAGACTTCGTCTGCCCAA TTGGCCAGACGCATCAAGCCTCGCCCA 804 ATTGGCCGAGGGTGAATGCACCCT AGGCTGCATTCACCCTCGGCCAAT 805 TGATCCATCCGAATGCTTTTCCAT ATGGAAAGCATTCGGCTCC 806 GCACACAGTTGTCTTGGCCCATGA TCATGGGCCAAGCAACTGTGTGTGC 807 CTGGCGGGCAGTGGAAAAAACAAC GTTGTTTTTTCACCCTGGCCAG 808 ATCTCCATGCGTAAGACTGCTCCG CGGAGCAGTCTTACGCATGGAGT 809 TCTCCTCTGTCGCAGTTCGTGGA TCACAGCAACTGCGACGAGGAGA 810 TAGCGTATTCACTCTTGCCGAGCA TGCTCGGCCAGACAACTGCGACGAGGAGA 811 CAATCAAAAGCCACGCGCGCAGA TGCTCGCCGCAGCAGAGAGAAATACCCTA 812 AGCGTCACGGAATTCAGCAGACA TGCTCGCCAGCAGTTTAACACGTAATTC 813 GACTCCCTGTTAATGCGCCCAAGG CCTTGGCGCATTAACAGGGAGTC 814 TAGGCACTGCCGGTTCAGATTCAA TTGAATCTGACCGGCCGTGGCTTTAACAGGAGATC 815 AACAGGGTGATAACGGTGGCCAAT ATTGGCCACCGTTATCACCCTGTT 816 CGTGCGTACCATGTGAATGCGT ACCCACTTACACATGGTACCCCG 817 GACCAATTCTACTCTGGCAGCCC TGGCCTTACACACTGGTACCCCTGTT 818 TCCGCCGATGGAAAAACAAC TTGAACCACAGGAACTCCCAGGAACTCCAGACACACACAC	799	TCTGAGCAGGCCAGCTCCAGCT	AGCTGGAGCGCTGCTCAGA
802 GTTTCATAGGCCACGCGTGCTAAA TTTAGCACGCGTGGCCTATGAAAC 803 GGAGCGAAGACTTCGTCTGCCCAA TTGGGCAGACGAAGTCTTCGCTCC 804 ATTGGCCGAGGGTGAATGCATCCAT AGGCTGCATTCACCCTCGGCCAAT 805 TGATCCATCCGAATTGCTTTCCAT ATGGAAAAGCATTCGGATGGATCA 806 GCACACAGTTGCTTTGGCCCATGA TCATGGGCCAAGCAACTGTTGTGC 807 CTGGCGGGCAGTGGAAAAACAAC GTTGTTTTTCCACTCCCGCCCAG 808 ATCTCCATGCGTAAGACTCCCG CGGAGCAGTCTTACCCCCCCCAG 809 TCTCCTCTGGCAGTTCGTGGA TCACGGACGACTCTTACGCATGGAGAT 800 TAGCGTATTCACTCTTGCCGAGCA TCACGGACGAGCAGCAGCAGCAGAGAGA 810 TAGCGTATTCACTCTTGCCGAGCA TGCTCGGCAGAGAGGAGAG	800	TTGAATTGCCAAGCCCTGAAAGCC	GGCTTTCAGGGCTTGGCAATTCAA
803 GGAGCGAAGACTTCGTCTGCCCAA TTGGGCAGACGAAGTCTTCGCTCC 804 ATTGGCCGAGGGTGAATGCAGCCT AGGCTGCATTCACCCTCGGCCAAT 805 TGATCCATCCGAATGCTTTTCCAT ATGGAAAAGCATTCGGATGGATCA 806 GCACACAGTTGTCTTGGCCCATGA TCATGGGCCAAGCAACTGTGTGC 807 CTGGCGGGCAGTGGAAAAAACAAC GTTGTTTTTCACTGCCCGCCAG 808 ATCTCCATGCGTAAGACTGCTCCG CGGAGCAGTCTTACGCCTGCCGCAG 809 TCTCCTCTGGCAGTTCGTGGA TCACAGCAGTCTTACGCATGGAGGA 800 TCTCCTCTGGCAGTTCGTGGA TCACAGCAACTGCTGCAGCAGAGAGAGA 810 TAGCGTATTCACTCTTGCCGAGCA TGCTCGGCAGCAGAGGAGAGA 811 CAATCAAAAGCCACGGCGCGATGG CCATCGCGCCGTGGCTTTTGATTG 812 AGCGTCACGGAATTCAGCAGATCT AGATCTGCAATTCCGTGACGCT 813 GACTCCCTGTTAATGCGCCCAAGG CCTTGGGCGCATTAACAGGGAGTC 814 TAGGCACTGCCCGGTTCAGATTCAA TTGAATCTGAACCCGGCAGTGCCTA 815 AACAGGGTGATAACGGTGGCCAAT ATTGGCCACCGTTACACCCTGTT 816 CGTGCGTACCATGTGTAAGTGCGT ACGCACTTACACCTGGTACCACTG 817 GACCAATTCTACTTCGGCAGCCCA TGGGCTGCCGAAGTAGAATTGGTC 818 ATCGGACCGATTTGCTTTTTGGCTG CAGCCAAAAGCAAATCGGTCCGAT 819 TCCGCCGAAGCACACGCTTATTCG CGAATAAGCGTGGCCGAT 820 AACGGTACGCATTTGCTTTTTGGCTG CAGCCAAAAGCAAATCGGTCCGCAT 821 TGGCACCACTTGTTAAGACAGTGCTA ACACTGCTTCACACTGGTCCCGTT 821 TGGCGACTACCATGTTTCCCCTGAATT 822 CAGAGGGGACACCCGTTATTCC CGAATAAGCGTTGCCCCTTTG 823 CGGTGGTTTTATCGGCAACTCTTA TAAGGCATTGCGCCAA 822 CAGAGGGGACACCCGTTATTCCCCTGAATT 824 TTGGCCACCGTTTTCCCCTGAATT 825 CGGTTTCGCTCACAATGCCTTA TAAGGCATTCGCACATGGTCCCCCA 826 CAGAGGGGAACGCCGTATGCCTTA TAAGGCATTCGCACATGGTCCCCCTCTG 827 CAGAGGGGACACCCCTACGCAATAT ATATGTCTGAGAGACAGTATGCCCCA 826 CGTTTCGCTACGAATCTGCCAA TCGCACATTCCCCTCTTG 827 CAGAGGGGACACCCGTTATCCCCTGAATC CATCCACAGGCTGCCCCATAGCCAAAACCAACCCGCTTAAAAACCACCG 826 ACTAAGCGGTGGAACCGCGTATGCCTTA TAAGGCATTCCCCTCTTGT 827 ATATTGGCTCCGAACTCGGGCCAA TCGCCCAAAACCAACCCCAAAACCAACCACCCAATACCACCGCTTAAGACCACCGCTTAAGTCCCCTCTGTT 827 ATATTGGCTGCGTTTACCCCGACATAT ATATGTCCTCACAATGCCACCCAATACCACGCGAAACCAAACCAACC	801	AGTTTTCGCCTTGATGCGTCGGTG	CACCGACGCATCAAGGCGAAAACT
804 ATTGGCCGAGGGTGAATGCAGCCT AGGCTGCATTCACCCTCGGCCAAT 805 TGATCCATCCGAATGCTTTTCCAT ATGGAAAAGCATTCGGATGGATCA 806 GCACACAGTTGTCTTGGCCCATGA TCATGGGCCAAGACAACTGTGTGC 807 CTGGCGGGCAGTGAAAAAACAAC GTTGTTTTTTCCACTGCCGCCAG 808 ATCTCCATGCGTAAGACTGCTCC CGGAGCAGTCTTACGCATGGAGAT 809 TCTCCTCTCGTCGCAGTTCGTGGA TCCACGAACTGCGACAGAGAGAAAACGCAGAACTGCTTGAAAAACCACGAACTGCTAGAAAAACCACGAACTGCAAGAACAACGAAAAAACACACAACAACAACAACAACAA	802	GTTTCATAGGCCACGCGTGCTAAA	TTTAGCACGCGTGGCCTATGAAAC
805 TGATCCATCCGAATGCTTTTCCAT ATGGAAAAGCATTCGGATGGATCA 806 GCACACAGTTGTCTTGGCCCATGA TCATGGGCCAAGACAACTGTGTGC 807 CTGGCGGGCAGTGAAAAAACAAC GTTGTTTTTTCACTGCCCGCCAG 808 ATCTCCATGCGTAAGACTGCTCCG CGGAGCAGTCTTACGCATGGAGAT 809 TCTCCTCTGTCGCAGTTCGTGGA TCCACGAACTGCGACGAGAGGAGA 810 TAGCGTATTCACTCTTGCCGAGCA TGCTCGGCAAGAGTGAATACGCTA 811 CAATCAAAAGCCACGGCGCGATGG CCATCGCGCCAGGAGTGAATACGCTA 812 AGCGTCACGGAATTCAGCAGATCT AGATCTGCTGAATTCCGTGACGCT 813 GACTCCCTGTTAATGCGCCCAAGG CCTTGGGCGCATTAACAGGGAGTC 814 TAGGCACTGCCGGTTCAGATTCAA TTGAATCTGAACCGGCAGTGCTTA 815 AACAGGGTGATAACGGTGGCCAAT ATTGGCCACCGTTATCACCCTGTT 816 CCTGCGTACCATGTGAAATACGGCCAAT 817 GACCAATTCTACTTCGGCAGCCCA TGGCCCGAAGTAGAATTCGTTA 818 ATCGGACCGATTTGCTTTTTGGCTG CAGCCAAAAGCAAATCGGTCCGAT 819 TCCGCCGAAGCACACGCTTATTCC CGAATAAGCGTTCCGTT 820 AACGGTACCATTGTAGACAGTGT ACACTGCTCCCAATGCGTACCGTT 821 TGGCGACTACTGTTGAGCAGTGT ACACTGCTCCCAATGCGTACCGTT 822 CAGAGGGGACACACGCTTATTCC CGAATAAGCGTTCCCCTTG 823 CGGTGGTTTTATCGCCTGAATC ATATGGCCACCGTTCCCCCTTG 824 TTGGCCTCCGACCCATTGTCCCTTGAATC 825 CAGAGGGGACACCCGTATGCCTTA TAAGGCATACGGTCCCCCTCTG 826 CGTTTCGCTCCACAATCGCGCCCA 827 TTGGCCTCCCGACTCACCAATT ATATGTCTTCAGACACAGCAAACCACCG 828 TTTGGCTACCATTGTCCCTGAATC GATTCAGGGGAACAGTAGTCGCCA 829 CGTTGGTTTTACCGCAGCCAAT ATATGTCCGAGAAAACCACCCG 824 TTGGCCTCCGACCTCACGACCATAT ATATGTCGTAAGACCACCCG 825 CGTTTCGCTACCATCTGCGCCCAA TAACACCGCCCAAAACCACCCG 826 TTTCGCTACCATCTGCGCCCCAA TCGCGCCCCAAAAACCACCCG 827 ATATTGGCTGCGTTTACCGGCCCCAA TAACGCAGCCCAAAACCACCCG 828 TTTGGCTACCATCTGCGCCCCAA TCGCGCCCCACATCACCCCCTTAGT 828 CCGCTATGGTGGCACCCACATCAT ATATGTCCTAACACCACCCCCACATCACCACCACATCACACCACACACACACACACACACACACACACACACACAC	803	GGAGCGAAGACTTCGTCŢGCCCAA	TTGGGCAGACGAAGTCTTCGCTCC
806 GCACACAGTTGTCTTGGCCCATGA TCATGGGCCAAGACAACTGTGTGC 807 CTGGCGGCAGTGGAAAAAACAAC GTTGTTTTTCCACTGCCCGCCAG 808 ATCTCCATGCGTAAGACTGCTCCG CGGAGCAGTCTTACGCATGGAGAT 809 TCTCCTCTCGTCGCAGTTCGTGGA TCCACGAACTGCGACGAGAGAGAGA 810 TAGCGTATTCACTCTTGCCGAGCA TGCTCGGCAGGAGAGAGAGA 811 CAATCAAAAGCCACGGCGCGATGG CCATCGCGCCGTGGCTTTTGATTG 812 AGCGTCACGGAATTCAACACAGATCT AGATCTGCTGAATTCCGTGACGCT 813 GACTCCCTGTTAATGCGCCCAAGG CCTTGGGCGCATTAACAGGGAGTC 814 TAGGCACTGCCGGTTCAGATTCAA TTGAATCTGAATCCCTGACGCT 815 AACAGGGTGATAACAGGTGGCCAAT 816 CGTGCGTACCATGTAAGTGCGT ACGCACTTACACAGGAGTCCT 817 GACCAATTCTACTTCGGCAGCCCA TGGCCACCGTTATCACCCTGTT 818 ATCGGACCGATTTGATTTGGCT ACGCACTTACCACTGTTACGCACG 819 TCCGCCGAAGCACACGCTTATTCC CAGCCAAAAGCAAATCGGTCCGAT 819 TCCGCCGAAGCACACGCTTATTCC CGAATAAGCGTGCCTCAT 820 AACGGTACCATTGTGAGCAGTGT ACACTGCTCACAATGCTCCGAT 821 TGGCGACTACTGTCCCCTGAATC GATTCAGCGGAGACCCA 822 CAGAGGGGACACCCGTTATCCCCTGATC 823 CGGTGGTTTTACGGAATCTGCAACATGCTCCCCTCTG 824 TTGGCCACCTCACAAATCCGACCCA 825 CGTTGGTTTTTCCCCTGAATC GATTCAGGGGGAACAGTAGACCCCA 826 CAGAGGGGACACCCGTTATCCCCTGAATC 827 CAGAGGGGACACCCGTTATCCCCTGAATC 828 CGGTGGTTTTACCGAATCTGCAACATAC 829 CAGAGGGGACACCCGTTATCCCAACAATCCGCCCAAAACCCCAAAACCAAAACCACCCG 824 TTGGCCTCCCGACCTCACCAACATAT ATATGTCGTGAGGTCGAACCCAA 825 CGTTTCCGTAGCACTCACAACATAT ATATGTCTGAGAGGCCCAA 826 ACTAAGCCGTGGAATCTGCCGC GCGCCCGTAAACCCACCCCTTAGT 827 ATATTGGCTGCGTTTACCGGCCCGA TCGGCCCCAAACCCACCCCTTAGT 828 CCGCTATGGTGGCCAACATAT ATATGTCGTGAGCCCAATAT 828 CCGCTATGGTGGCCCGAATCCCGATAC GACCACATAT 828 CCGCTATGGTGGCCCAACATAT ATATGTCGTGAGCCCACAAACCACCAAAACCACCGGTTACCCTTAGCGGCCCAAACCCACCC	804	ATTGGCCGAGGGTGAATGCAGCCT	AGGCTGCATTCACCCTCGGCCAAT
807 CTGGCGGGCAGTGGAAAAACAAC GTTGTTTTTCCACTGCCCGCCAG 808 ATCTCCATGCGTAAGACTGCTCCG CGGAGCAGTCTTACGCATGGAGAT 809 TCTCCTCTGTCGCAGTTCGTGA TCCACGAACTGCGACGAGAGAGAGA 810 TAGCGTATTCACTCTTGCCGAGCA TGCTCGGCAAGAGTGAATACGCTA 811 CAATCAAAAGCCACGGCGCGATGG CCATCGCGCCGTGGCTTTTGATTG 812 AGCGTCACGGAATTCAGCAGATCT AGATCTGCTGAATTCCGTGACGCT 813 GACTCCCTGTTAATGCGCCCAAGG CCTTGGGCGCATTAACAGGGAGTC 814 TAGGCACTGCCGGTTCAGATTCAA TTGAATCTGAACCGGCAGTGCCTA 815 AACAGGGTGATAACGGTGGCCAAT ATTGGCCACCGTTATCACCCTGTT 816 CGTGCGTACCATGTGAAGTGCGT ACGCACTTACACATGGTACCACG 817 GACCAATTCTACTTCGGCAGCCCA TGGGCTGCAATAGAATTGGTC 818 ATCGGACCGATTTGCTTTTTGGCTG CAGCCAAAAGCAAATCGGTCCGAT 819 TCCGCCGAAGCACACACGCTTATTCC CGAATAAGCGTGTGCTTCAGATTCACCTGTT 820 AACGGTACGCATTGTGAGCAGTGT ACACTGCTCACAATGCGTACCGTT 821 TGGCGACTACTGTTCCCCTGAATC GATTCAGCATGCGTACCGTT 822 CAGAGGGGACAGCCGTATGCCTTA TAAGGCATACGGTGCCCA 822 CAGAGGGGACAGCCGTATGCCTTA TAAGGCATACGGTTCCCCTTG 823 CGGTGGTTTTATCGGAATCTGCGA 824 TTGGCCTCCGACCTCACGACATAT ATAGTCGTGAGGTTCCCCCTCTG 825 CGTTTCGCTAGCATCTGCGA 826 ACTAAGCGTGTAGCCTTA TAAGGCATACCGCTTACCGTT 827 ATATTGGCTCCGGACCCACACACATAT ATATGTCGTGAGGTCGCAAAACC 828 CGTTTCGCTAGCACTCACCGCCGA TCGCCGATAAACCACCG 826 ACTAAGCGTGGAGCCCGA TCGCCGCAAAACCACCGCTTAGT 827 ATATTGGCTCCCGGACCCCAACACACACCGCCGCTCACCCGCTTAGT 828 CCGCTATGGTGAGCCGGTGGATG CATCCACCCGGCTCACCCGCTTAGT 829 GTTGCATGTGGCACCCGAACACCCGCCGAAACGACACACCGCCGAAACGACACCAC	805	TGATCCATCCGAATGCTTTTCCAT	ATGGAAAAGCATTCGGATGGATCA
808 ATCTCCATGCGTAAGACTGCTCCG CGGAGCAGTCTTACGCATGGAGAT 809 TCTCCTCTCGTCGCAGTTCGTGA TCCACGAACTGCGACGAGAGAGAGA 810 TAGCGTATTCACTCTTGCCGAGCA TGCTCGCAAGAGTGAATACGCTA 811 CAATCAAAAGCCACGGCGCGATGG CCATCGCGCCGTGGCTTTTGATTG 812 AGCGTCACGGAATTCAGCAGATCT AGATCTGCTGAATTCCGTGACGCT 813 GACTCCCTGTTAATGCGCCCAAGG CCTTGGGCGCATTAACAGGGAGTC 814 TAGGCACTGCCGGTTCAGATTCAA TTGAATCTGAACCGGCAGTGCCTA 815 AACAGGGTGATAACGGTGGCCAAT ATTGGCCACCGTTATCACCCTGTT 816 CGTGCGTACCATGTGAAGTGCGT ACGCACTTACACATGGTACCACG 817 GACCAATTCTACTTCGGCAGCCCA TGGGCTGCCAAGTAGAATTGGTC 818 ATCGGACCGATTTGCTTTTTGGCTG CAGCCAAAAGCAAATCGGTCCGAT 819 TCCGCCGAAGCACACGCTTATTCC CGAATAAGCGTGTGCTTCGGCGGA 820 AACGGTACGCATTGTGAGCAGTGT ACACTGCTCACAATGCGTACCGTT 821 TGGCGACTACTGTTCCCCTGAATC GATTCAGCATGCGTACCGTT 822 CAGAGGGGACAGCCGTTAGCCTTA TAAGGCATACGGTGCCCACAGCCAAAGCAACCACCGCTTATTCGCAGGACCACGTTATCCCCTTGATC 823 CGGTGGTTTTATCGGAATCTGCAATC GATTCAGCATACCACCG 824 TTGGCCCCCGACCTCACCGACATAT ATATGTCGTGAGGTCGCAAAACCACCCG 825 CGTTTCGCTCAGCCTCACACATAT ATATGTCGTAAGGTCGCAAAACCACCG 826 ACTAAGCGTGGAGCCGATTGCCCTTA TAAGGCATACCGTTCCCCTTTGTAGCACCACCACCCCCCCTTAGT ATATGTCCGTAAAAACCACCCG 826 ACTAAGCGGTGGAGCCCGAATAT ATATGTCGTGAGGTCGCAAAACCACCG 827 ATATTGGCTCCGACCTCACCGACATAT ATATGTCGTGAGGTCGCAAAACGCAACCACACCAC	806	GCACACAGTTGTCTTGGCCCATGA	TCATGGGCCAAGACAACTGTGTGC
809 TCTCCTCTGTCGCAGTTCGTGGA TCCACGAACTGCGACGAGAGAGAGA 810 TAGCGTATTCACTCTTGCCGAGCA TGCTCGGCAGAGAGTGAATACGCTA 811 CAATCAAAAGCCACGGCGCGCATGG CCATCGCGCCGTGGCTTTTGATTG 812 AGCGTCACGGAATTCAGCAGATCT AGATCTGCTGAATTCCGTGACGCT 813 GACTCCCTGTTAATGCGCCCAAGG CCTTGGGCGCATTAACAGGGAGTC 814 TAGGCACTGCCGGTTCAGATTCAA TTGAATCTGAACCGGCAGTGCCTA 815 AACAGGGTGATAACGGTGGCCAAT ATTGGCCACCGTTATCACCCTGTT 816 CGTGCGTACCATGTGTAAGTGCGT ACGCACTTACACATGGTACGCACG 817 GACCAATTCTACTTCGGCAGCCCA TGGGCTGCCGAAGTAGAATTGGTC 818 ATCGGACCGATTTGCTTTTGGCTG CAGCCAAAAGCAAATCGGTCCGAT 819 TCCGCCGAAGCACACGCTTATTCG CGAATAAGCGTGTGCTTCGGCGGA 820 AACGGTACGCATTGTGAGCAGTGT ACACTGCTCACAATGCGTACCGTT 821 TGGCGACTACTGTTCCCCTGAATC GATTCAGGGGAACAGTAGTCGCCA 822 CAGAGGGGACAGCCGTATGCCTTA TAAGGCATACGGCTGCCCCTCTG 823 CGGTGGTTTTATCGGAATCTGCGA TCGCAGATTCCGATAAAACCACCG 824 TTGGCCTCCGACCTCACGACATAT ATATGTCGTGAGGTCGGAGGCCAA 825 CGTTTCGCTAGCATCTGCCGCA TCGCGCCCAGATGCTAGCGAACG 826 ACTAAGCGGTGGAGCCGATTTACGGCCCGA TCGCCGCCAGATGCTAGCGAACG 827 ATATTGGCTCGCTTACGGGCCCG GCGCCCCACACCCACTAGTGTGCCAACGGCCCAATAT ATATGTCGTGAGGTCGAACCG 828 CCGCTATGGTGGAGCCGGTGGATG CATCCACCGGCTCACCGCTTAGT 829 GTTGCATGTGGCAATCCCGATA TATGCCCCCTCTAGCGAACCG 829 GTTGCATGTGGCAATCCCGATAC GTATCGGGATTGCCACCAATAT 828 CCGCTATGGTGGCAATCCCGATAC GTATCGGGATTGCCACCAATAT 828 CCGCTATGGTGGCAATCCCGATAC GTATCGGGATTGCCACCAATAT 828 CCGCTATGGTGGCAATCCCGATAC GTATCGGGATTGCCACCAATACACCACCGGTTAGCTAACACCACCGGTTAGCTAACACCACCAATAT 828 CCGCTATGGTGGCAATCCCGATAC GTATCGGGATTGCCACCAATACCAAC 830 ATTCTGGGGAGTGACCCAGGGCTT AAGCCCTGAGCCACAATGCAAC 831 CTCTCCAAGGAGACAGACCAATGT ACATTGGCCCCAAATCCCGTCCTTTCC 833 TATGAGAGACGAGCCAATGT ACATTGGCCCCAAATCCCGTCCTTTCC 833 TATGAGAGACGGGATTTGGGGGCCAA TTAGCCCCCAAATCCCGTCCTTTCC 833 TATGAGACACGAGCCAATGT ACATTGGCCCCAAATCCCGTCCTTTCC 833 TATGAGAGACGGGATTTGGGGGCCAA TTAGCCCCCAAATCCCGTCCTTTCC 833 TATGAGACACACGGGGATTTGGGGGCCAA TTAGCCCCCAAATCCCGTCCTTTCC 833 TATGAGACACACGGGGATTTGGGGGCCAA TTAGCCCCCAAATCCCGTCCTTTCC 833 TATGAGACACAGGAGCAATGT ACACTGGCCCAAATCCCGTCCTTTCC	807	CTGGCGGCAGTGGAAAAAACAAC	GTTGTTTTTCCACTGCCCGCCAG
810 TAGCGTATTCACTCTTGCCGAGCA TGCTCGGCAAGAGTGAATACGCTA 811 CAATCAAAAGCCACGGCGCGATGG CCATCGCGCCGTGGCTTTTGATTG 812 AGCGTCACGGAATTCAGCAGATCT AGATCTGCTGAATTCCGTGACGCT 813 GACTCCCTGTTAATGCGCCCAAGG CCTTGGGCGCATTAACAGGGAGTC 814 TAGGCACTGCCGGTTCAGATTCAA TTGAATCTGAACCGGCAGTGCCTA 815 AACAGGGTGATAACCGGTGGCCAAT ATTGGCCACCGTTATCACCCTGTT 816 CGTGCGTACCATGTGTAAGTGCGT ACGCACTTACACATGGTACGCACG 817 GACCAATTCTACTTCGGCAGCCCA TGGGCTGCCGAAGTAGAATTGGTC 818 ATCGGACCGATTTGCTTTTGGCTG CAGCCAAAAGCAAATCGGTCCGAT 819 TCCGCCGAAGCACACGCTTATTCG CGAATAAGCGTGTCTTCGGCAGA 820 AACGGTACGATTGTGAGCAGTGT ACACTGCTCACAATGCGTACCGTT 821 TGGCGACTACTGTTCCCCTGAATC GATTCAGGGGAACAGTAGTCGCCA 822 CAGAGGGGACAGCCGTATGCCTTA TAAGGCATACGGTTCCCCTCTG 823 CGGTGGTTTTATCGGAATCTGCGA TCGCAGATTCCGATAAAACCACCG 824 TTGGCCTCCGACCTCACGACATAT ATATGTCGTGAGGTCGGAGCCAA 825 CGTTTCGCTAGCATCTGGCGCCGA TCGCCGAAGTGCTACCGTT 826 ACTAAGCGGTGGAGCCGGTGGATG CATCCACCGGCTCACCCGCTTAGT 827 ATATTGGCTGCGCCGA TCGCCCAAAACGCACCAATAT 828 CCGCTATGGTGAGCCGGTGGATG CATCCACCGGCTCCACCGCTTAGT 829 GTTGCATGGGGCAATCCCGATAC GTATCGGGATTGCCACCATACGGG 829 GTTGCATGTGGCCAATCCGATAC GTATCGGGATTGCCACCATACCGG 829 GTTGCATGTGGCCAATCCCGATAC GTATCGGGATCCCCCACACATAT 831 CTCTCCAAGGAGACCAGGCCTT AAGCCCTGGGTCACCCCTTTGGAGAG 832 GAAAGGACGGGATTTGGGGGCCAA TTAGCCCCCAAATCCCCCCCACACTTCCCCCAGAAT 831 CTCTCCAAGGAGACCAAGCCAATGT ACATTGGCTCCCCTCTTCCCCAGAAT 832 GAAAGGACGGGATTTGGGGGCCAA TTAGCCCCCAAAACCCCGCTTTTCC 833 TATGTAGTACCTTGGCGCCCA TGGCCCCAAAACCCCGCCTTTCCCCAAAACCCAGCCAATAT	808	ATCTCCATGCGTAAGACTGCTCCG	CGGAGCAGTCTTACGCATGGAGAT
811 CAATCAAAAGCCACGGCGCGATGG CCATCGCGCCGTGGCTTTTGATTG 812 AGCGTCACGGAATTCAGCAGATCT AGATCTGCTGAATTCCGTGACGCT 813 GACTCCCTGTTAATGCGCCCAAGG CCTTGGGCGCATTAACAGGGAGTC 814 TAGGCACTGCCGGTTCAGATTCAA TTGAATCTGAACCGGCAGTGCCTA 815 AACAGGGTGATAACGGTGGCCAAT ATTGGCCACCGTTATCACCCTGTT 816 CGTGCGTACCATGTGTAAGTGCGT ACGCACTTACACCATGGTACCACG 817 GACCAATTCTACTTCGGCAGCCCA TGGGCTGCCGAAGTAGAATTGGTC 818 ATCGGACCGATTGCTTTTTGGCTG CAGCCAAAAGCAAATCGGTCCGAT 819 TCCGCCGAAGCACACGCTTATTCG CGAATAAGCGTGTCTCGGCAG 820 AACGGTACGATTGTGAGCAGTGT ACACTGCTCACAATGCGTACCGTT 821 TGGCGACTACTGTTGCCCTGAATC GATTCAGGGGAACAGTAGTCGCCA 822 CAGAGGGGACAGCCGTATGCCTTA TAAGGCATACGGCTGCCCAT 823 CGGTGGTTTTATCGGAATCTGCGA TCGCAGATTCCGATAAAACCACCG 824 TTGGCCTCCGACCTCACGACATAT ATATGTCGTAGAGTCGGAACAGCAACG 825 CGTTTCGCTAGCATCTGGCGCAAAACGACCAACGAACACACGCAAAACCACCG 826 ACTAAGCGGTGGAGCCGATGC CATCCACCAGATGCTAACACCGC 827 ATATTGGCTCCCACACATAT ATATGTCGTAACGCAACCACGAACACACGCAACACACACA	809	TCTCCTCGTCGCAGTTCGTGGA	TCCACGAACTGCGACGAGAGGAGA
812 AGCGTCACGGAATTCAGCAGATCT AGATCTGCTGAATTCCGTGACGCT 813 GACTCCCTGTTAATGCGCCCAAGG CCTTGGGCGCATTAACAGGAGTC 814 TAGGCACTGCCGGTTCAGATTCAA TTGAATCTGAACCGGCAGTGCCTA 815 AACAGGGTGATAACGGTGGCCAAT ATTGGCCACCGTTATCACCCTGTT 816 CGTGCGTACCATGTGAAGTGCGT ACGCACTTACACATGGTACGCACG 817 GACCAATTCTACTTCGGCAGCCCA TGGGCTGCCGAAGTAGAATTGGTC 818 ATCGGACCGATTTGCTTTTGGCTG CAGCCAAAAGCAAATCGGTCCGAT 819 TCCGCCGAAGCACACGCTTATTCG CGAATAAGCGTGCTCCGAT 820 AACGGTACGCATTGTGAGCAGTGT ACACTGCTCACAATGCGTACCGTT 821 TGGCGACTACTGTTCCCCTGAATC GATTCAGGGGAACAGTAGTCGCCA 822 CAGAGGGGACAGCCGTATGCCTTA TAAGGCATACGGTCCCCTCTG 823 CGGTGGTTTTATCGGAATCTGCGA TCGCAGATTCCGATAAAACCACCG 824 TTGGCCTCCGACCTCACGACATAT ATATGTCGTGAGGTCGGAACA 825 CGTTTCGCTAGCATCTGGCCGCA TCGCGCCAGATGCTAGCGAACG 826 ACTAAGCGGTGGAGCCGATGCCTAGT CATCACCGGCTCCCCTTAGT 827 ATATTGGCTGCGTTTACGGGCCGC GCGGCCCGTAAACGCACCAATAT 828 CCGCTATGGTGAGCCGCGC GCGGCCCGTAAACGCACCAATAT 829 GTTGCATGGCGCGCATGCCTCACGACTATA TATGCCGCCTCACCGCATAGT 820 GTTCGCTAGCATCCCGATAC GTATCGGGATTGCCACCATAGCGG 821 ATATTGGCTGCGTTTACGGGCCGC GCGGCCCGTAAACGCACCAATAT 822 CAGAGGGGAACCCGGTTTACGGGCCGC GCGGCCCGTAAACGCACCAATAT 823 CTACACCGGTTGACCCAATAT ATATGCCGCCTGAGCCACATAT 824 ATATTGGCTGCGTTTACGGGCCGC GCGGCCCGTAAACGCACCAATAT 825 CGCTATGGTGCCAATCCCGATAC GTATCGGGTTCCCCCACAATAT 826 CCGCTATGGTGCCAATCCCGATAC GTATCGGGACCACATGCAAC 827 ATATTGGCTGCGTTTACGGGCCGC GCGGCCCGTAAACGCACCAATAT 828 CCGCTATGGTGGCAATCCCGATAC GTATCGGGTCCACCATGCAAC 830 ATTCTGGGGAGTGACCCAGGGCTT AAGCCCTGAGCCACATGCAAC 831 CTCTCCAAGGAGACGAGCCAATGT ACATTGGCTCCTTTGCAGAGG 832 GAAAGGACGGGATTTGGGGGCTAA TTAGCCCCCAAATCCCGTCCTTTCC 833 TATGTAGTACCTTGGGCTCGCGCCA TGGCCCCAAATCCCGTCCTTTCC 833 TATGTAGTACCTTGGGCTCGCGCCA TGGCCCCAAATCCCGTCCTTTCC	810	TAGCGTATTCACTCTTGCCGAGCA	TGCTCGGCAAGAGTGAATACGCTA
813 GACTCCCTGTTAATGCGCCCAAGG CCTTGGGCGCATTAACAGGGAGTC 814 TAGGCACTGCCGGTTCAGATTCAA TTGAATCTGAACCGGCAGTGCCTA 815 AACAGGGTGATAACGGTGGCCAAT ATTGGCCACCGTTATCACCCTGTT 816 CGTGCGTACCATGTTAAGTGCGT ACGCACTTACACATGGTACGCACG 817 GACCAATTCTACTTCGGCAGCCCA TGGGCTGCCGAAGTAGAATTGGTC 818 ATCGGACCGATTTGCTTTTGGCTG CAGCCAAAAGCAAATCGGTCCGAT 819 TCCGCCGAAGCACACGCTTATTCG CGAATAAGCGTGTCTTCGGCGGA 820 AACGGTACGCATTGTGAGCAGTGT ACACTGCTCACAATGCGTACCGTT 821 TGGCGACTACTGTTCCCCTGAATC GATTCAGGGGGAACAGTAGTCGCCA 822 CAGAGGGGACAGCCGTATGCCTTA TAAGGCATACGGCTGTCCCCTCTG 823 CGGTGGTTTTATCGGAATCTGCGA TCGCAGATTCCGATAAAACCACCG 824 TTGGCCTCCGACCTCACGACATAT ATATGTCGTGAGGTCGGAACCG 825 CGTTTCGCTAGCATCTGGCGCCGA TCGGCGCCAGATGCTAGCGAAACG 826 ACTAAGCGGTGGAGCCGGTGGATG CATCCACCGGCTCACCACTAGT 827 ATATTGGCTGCGTTTACGGGCCCGC GCGGCCCGTAAACGCACCAATAT 828 CCGCTATGGTGGCAATCCCGATAC GTATCGGGATTGCCACCATAGCGG 829 GTTGCATGGTGGCAATCCCGATAC GTATCGGGATTGCCACCATAGCGG 829 GTTGCATGGTGGCAATCCCGATAC GTATCGGGATTGCCACCATAGCGG 829 GTTGCATGGGGCCAATCCCGATAC GTATCGGGCCCACATATACGCGG 829 GTTGCATGGGGCCAATCCCGATAC GTATCGGGCCCACATGCAAC 830 ATTCTGGGGAGTGACCCAGGGCTT AAGCCCTGAGCCACATGCAAC 831 CTCTCCAAGGAGACCAAGGCCAATGT ACATTGGCTCCCCCAGAAT 831 CTCTCCAAGGAGACCAAGGCCAATGT ACATTGGCTCCCCCAGAAT 832 GAAAGGACGGGATTTGGGGCCCA TGGCCCCAAATCCCGTCCTTTC 833 TATGTAGTACCTTGGCTCGCGCCA TGGCGCCAATGCAACAGCCAAGGCCAATTT	811	CAATCAAAAGCCACGGCGCGATGG	CCATCGCGCCGTGGCTTTTGATTG
814 TAGGCACTGCCGGTTCAGATTCAA TTGAATCTGAACCGGCAGTGCCTA 815 AACAGGGTGATAACGGTGGCCAAT ATTGGCCACCGTTATCACCCTGTT 816 CGTGCGTACCATGTGTAAGTGCGT ACGCACTTACACATGGTACGCACG 817 GACCAATTCTACTTCGGCAGCCCA TGGGCTGCCGAAGTAGAATTGGTC 818 ATCGGACCGATTTGCTTTTGGCTG CAGCCAAAAGCAAATCGGTCCGAT 819 TCCGCCGAAGCACACGCTTATTCG CGAATAAGCGTGTGCTTCGGCGGA 820 AACGGTACGCATTGTGAGCAGTGT ACACTGCTCACAATGCGTACCGTT 821 TGGCGACTACTGTTCCCCTGAATC GATTCAGGGGAACAGTAGTCGCCA 822 CAGAGGGGACAGCCGTATGCCTTA TAAGGCATACGGCTGTCCCCTCTG 823 CGGTGGTTTTATCGGAATCTGCGA TCGCAGATTCCGATAAAACCACCG 824 TTGGCCTCCGACCTCACGACATAT ATATGTCGTGAGGTCGGAGCCAA 825 CGTTTCGCTAGCATCTGGCGCCGA TCGCCGCAGATGCTAGCGAAACG 826 ACTAAGCGGTGGAGCCGATG CATCCACCGGCTCCACCGCTTAGT 827 ATATTGGCTGCGCTTACCGGACTGCCGCGCGCCAAACG 828 CCGCTATGGTGGAATCCCGATAC GTATCGGGATTGCCACCACTAGTG 829 GTTGCATGGGCCAATCCCGATAC TATGCCGCCTGAGCCACATAT 828 CCGCTATGGTGGCAATCCCGATAC GTATCGGGATTGCCACCATAGCGG 829 GTTGCATGGGCCAATCCCGATAC AACCCCTGAGCCACATGCAAC 830 ATTCTGGGGATGACCCAGGCCTT AACCCCTTCCCCAGAAT 831 CTCTCCAAGGAGACCAATGT ACATTGGCTCCCCCAGAAT 832 GAAAGGACGGATTTGGGGCCAA TTAGCCCCCCAAATCCCCTTTCCCCCAGAAT CTCTCCAAGGAGACCAACGAGCCAATGT ACATTGGCTCCCCCAGAAT CTCTCCAAGGAGACCAACGAGCCAATGT ACATTGGCTCCCCCAGAAT CTCTCCAAGGAGACCAACGAGCCAATGT ACATTGGCTCCCCCAGAAT CTCTCCAAGGAGACCAACGCCAATGT ACATTGGCTCCCCCACAATCCCCTTTTC 833 TATGTAGTACCTTGGCTCCGCCCA TGGCCCAAGGTACTACCTACATA	812	AGCGTCACGGAATTCAGCAGATCT	AGATCTGCTGAATTCCGTGACGCT
815 AACAGGTGATAACGGTGGCCAAT ATTGGCCACCGTTATCACCCTGTT 816 CGTGCGTACCATGTGTAAGTGCGT ACGCACTTACACATGGTACGCACG 817 GACCAATTCTACTTCGGCAGCCCA TGGGCTGCCGAAGTAGAATTGGTC 818 ATCGGACCGATTTGCTTTTGGCTG CAGCCAAAAGCAAATCGGTCCGAT 819 TCCGCCGAAGCACACGCTTATTCG CGAATAAGCGTGTGCTTCGGCGGA 820 AACGGTACGCATTGTGAGCAGTGT ACACTGCTCACAATGCGTACCGTT 821 TGGCGACTACTGTTCCCCTGAATC GATTCAGGGGAACAGTAGTCGCCA 822 CAGAGGGGACAGCCGTATGCCTTA TAAGGCATACGGTGCCCCTCTG 823 CGGTGGTTTTATCGGAATCTGCGA TCGCAGATTCCGATAAAACCACCG 824 TTGGCCTCCGACCTCACGACATAT ATATGTCGTGAGGTCGGAAACG 825 CGTTTCGCTAGCATCTGGCGCCGA TCGCGCCAGATGCTAGCGAAACG 826 ACTAAGCGGTGGAGCCGATGGATG CATCCACCGGCTCACCGCTTAGT 827 ATATTGGCTGCGTTTACGGGCCGC GCGGCCCGTAAACGCAGCCAATAT 828 CCGCTATGGTGGCAATCCCGATAC GTATCGGGATTGCCACCATAGCGG 829 GTTGCATGTGGCACCATAC GTATCGGGATTGCCACCATAGCGG 829 GTTGCATGTGGCTCAGGCGGCATA TATGCCGCCTGAGCCACATACCGGG 830 ATCTGGGGAGTGACCCAGGGCTT AAGCCCTGGGTCACCCCACATGCAAC 831 CTCTCCAAGGAGACCAAGCCAATGT ACATTGGCTCCCCCAGAAT 832 GAAAGGACGGGATTTGGGGGCCAA TTAGCCCCCAAATCCCCCCAGAAT 833 TATGTAGTACCTTGGCTCACCGCCAA TTAGCCCCCAAATCCCCTTTCCTTT	813	GACTCCCTGTTAATGCGCCCAAGG	CCTTGGGCGCATTAACAGGGAGTC
816 CGTGCGTACCATGTGTAAGTGCGT ACGCACTTACACATGGTACGCACG 817 GACCAATTCTACTTCGGCAGCCCA TGGGCTGCCGAAGTAGAATTGGTC 818 ATCGGACCGATTTGCTTTTGGCTG CAGCCAAAAGCAAATCGGTCCGAT 819 TCCGCCGAAGCACACGCTTATTCG CGAATAAGCGTGTGCTTCGGCGGA 820 AACGGTACGCATTGTGAGCAGTGT ACACTGCTCACAATGCGTACCGTT 821 TGGCGACTACTGTTCCCCTGAATC GATTCAGGGGAACAGTAGTCGCCA 822 CAGAGGGGACAGCCGTATGCCTTA TAAGGCATACGGCTGTCCCCTCTG 823 CGGTGGTTTTATCGGAATCTGCGA TCGCAGATTCCGATAAAACCACCG 824 TTGGCCTCCGACCTCACGACATAT ATATGTCGTGAGGTCGGAACG 825 CGTTTCGCTAGCACCTCACGACATAT ATATGTCGTGAGGTCGGAAACG 826 ACTAAGCGGTGGAGCCGGTGGATG CATCCACCGGCTCACCGCTTAGT 827 ATATTGGCTGCGTTTACGGGCCGC GCGGCCCGTAAACGCAGCCAATAT 828 CCGCTATGGTGGCAATCCCGATAC GTATCGGGATTGCCACCATAGCGG 829 GTTGCATGTGGCTCAGGCGGCATA TATGCCGCCTGAGCCACATGCAAC 830 ATTCTGGGGAGTGACCCAGGGCTT AAGCCCTGGGTCACTCCCCAGAAT 831 CTCTCCAAGGAGACCAATGT ACATTGGCTCCTTTCCCCAGAAT 832 GAAAGGACGGGATTTGGGGGCTAA TTAGCCCCCAAATCCCGTCCTTTC 833 TATGTAGTACCTTGGGTCGCCCA TGGCGCCAATCCCCCTTTCCCCAGAATCCCCCCAAATCCCGTCCTTTCCCCCAAATCCCCCCAAATCCCCCCAAATCCCCCC	814	TAGGCACTGCCGGTTCAGATTCAA	TTGAATCTGAACCGGCAGTGCCTA
817 GACCAATTCTACTTCGGCAGCCCA TGGGCTGCCGAAGTAGAATTGGTC 818 ATCGGACCGATTTGCTTTTGGCTG CAGCCAAAAGCAAATCGGTCCGAT 819 TCCGCCGAAGCACACGCTTATTCG CGAATAAGCGTGTGCTTCGGCGGA 820 AACGGTACGCATTGTGAGCAGTGT ACACTGCTCACAATGCGTACCGTT 821 TGGCGACTACTGTTCCCCTGAATC GATTCAGGGGAACAGTAGTCGCCA 822 CAGAGGGGACAGCCGTATGCCTTA TAAGGCATACGGCTGTCCCCTCTG 823 CGGTGGTTTTATCGGAATCTGCGA TCGCAGATTCCGATAAAACCACCG 824 TTGGCCTCCGACCTCACGACATAT ATATGTCGTGAGGTCGGAGGCCAA 825 CGTTTCGCTAGCATCTGGCGCCGA TCGGCGCCAGATGCTAGCGAAACG 826 ACTAAGCGGTGGAGCCGGTGGATG CATCCACCGGCTTCACCGCTTAGT 827 ATATTGGCTGCGTTTACGGGCCGC GCGGCCCGTAAACGCAGCCAATAT 828 CCGCTATGGTGGCAATCCCGATAC GTATCGGGATTGCCACCATAGCGG 829 GTTGCATGTGGCTCAGGCGGCATA TATGCCGCCTGAGCCACATGCAAC 830 ATTCTGGGGAGTGACCCAGGGCTT AAGCCCTGGGTCACCCACAGAT 831 CTCTCCAAGGAGACCAAGCCAATGT ACATTGGCTCGTCCCCCAGAAT 832 GAAAGGACGGGATTTGGGGGCTAA TTAGCCCCCCAAATCCCGTCCTTTC 833 TATGTAGTACCTTGGCTCGCGCCA TGGCCCAAGGTACTACATA	815	AACAGGGTGATAACGGTGGCCAAT	ATTGGCCACCGTTATCACCCTGTT
818 ATCGGACCGATTTGCTTTTGGCTG CAGCCAAAAGCAAATCGGTCCGAT 819 TCCGCCGAAGCACACGCTTATTCG CGAATAAGCGTGTGCTTCGGCGGA 820 AACGGTACGCATTGTGAGCAGTGT ACACTGCTCACAATGCGTACCGTT 821 TGGCGACTACTGTTCCCCTGAATC GATTCAGGGGAACAGTAGTCGCCA 822 CAGAGGGGACAGCCGTATGCCTTA TAAGGCATACGGCTGTCCCCTCTG 823 CGGTGGTTTTATCGGAATCTGCGA TCGCAGATTCCGATAAAACCACCG 824 TTGGCCTCCGACCTCACGACATAT ATATGTCGTGAGGTCGGAGGCCAA 825 CGTTTCGCTAGCATCTGGCGCCGA TCGGCGCCAGATGCTAGCGAAACG 826 ACTAAGCGGTGGAGCCGGTGGATG CATCCACCGGCTCCACCGCTTAGT 827 ATATTGGCTGCGTTTACGGGCCGC GCGGCCCGTAAACGCAGCCAATAT 828 CCGCTATGGTGGCAATCCCGATAC GTATCGGGATTGCCACCATACCGG 829 GTTGCATGTGGCTCAGGCGGCATA TATGCCGCCTGAGCCACATGCAAC 830 ATTCTGGGGAGTGACCCAGGGCTT AAGCCCTGGGTCACCCCAGAAT 831 CTCTCCAAGGAGACCAATGT ACATTGGCTCGTCTCCCCCAGAAT 831 CTCTCCAAGGAGACCAATGT ACATTGGCTCGTCTCCCTTTGGAGAG 832 GAAAGGACGGGATTTGGGGGCTAA TTAGCCCCCCAAATCCCGTCCTTTC 833 TATGTAGTACCTTGGCTCGCGCCA TGGCGCCAAGGTACTACATA	816	CGTGCGTACCATGTGTAAGTGCGT	ACGCACTTACACATGGTACGCACG
819 TCCGCCGAAGCACACGCTTATTCG CGAATAAGCGTGTGCTTCGGCGGA 820 AACGGTACGCATTGTGAGCAGTGT ACACTGCTCACAATGCGTACCGTT 821 TGGCGACTACTGTTCCCCTGAATC GATTCAGGGGAACAGTAGTCGCCA 822 CAGAGGGGACAGCCGTATGCCTTA TAAGGCATACGGCTGTCCCCTCTG 823 CGGTGGTTTTATCGGAATCTGCGA TCGCAGATTCCGATAAAACCACCG 824 TTGGCCTCCGACCTCACGACATAT ATATGTCGTGAGGTCGGAGGCCAA 825 CGTTTCGCTAGCATCTGGCGCCGA TCGGCGCCAGATGCTAGCGAAACG 826 ACTAAGCGGTGGAGCCGGTGGATG CATCCACCGGCTCCACCGCTTAGT 827 ATATTGGCTGCGTTTACGGGCCGC GCGGCCCGTAAACGCAGCCAATAT 828 CCGCTATGGTGGCAATCCCGATAC GTATCGGGATTGCCACCATAGCGG 829 GTTGCATGTGGCTCAGCGGCATA TATGCCGCCTGAGCCACATGCAAC 830 ATTCTGGGGAGTGACCCAGGGCTT AAGCCCTGGGTCACTCCCCAGAAT 831 CTCTCCAAGGAGACCAGCCAATGT ACATTGGCTCCTCTTTGGAGAG 832 GAAAGGACGGGATTTGGGGGCCCA TGGCGCCAAATCCCGTCCTTTC 833 TATGTAGTACCTTGGCTCGCGCCA TGGCGCCAAGGTACTACATA	817	GACCAATTCTACTTCGGCAGCCCA	TGGGCTGCCGAAGTAGAATTGGTC
820 AACGGTACGCATTGTGAGCAGTGT ACACTGCTCACAATGCGTACCGTT 821 TGGCGACTACTGTTCCCCTGAATC GATTCAGGGGAACAGTAGTCGCCA 822 CAGAGGGGACAGCCGTATGCCTTA TAAGGCATACGGCTGTCCCCTCTG 823 CGGTGGTTTTATCGGAATCTGCGA TCGCAGATTCCGATAAAACCACCG 824 TTGGCCTCCGACCTCACGACATAT ATATGTCGTGAGGTCGGAGGCCAA 825 CGTTTCGCTAGCATCTGGCGCCGA TCGGCGCCAGATGCTAGCGAAACG 826 ACTAAGCGGTGGAGCCGGTGGATG CATCCACCGGCTCCACCGCTTAGT 827 ATATTGGCTGCGTTTACGGGCCGC GCGGCCCGTAAACGCAGCCAATAT 828 CCGCTATGGTGGCAATCCCGATAC GTATCGGGATTGCCACCATAGCGG 829 GTTGCATGTGGCTCAGGCGGCATA TATGCCGCCTGAGCCACATGCAAC 830 ATTCTGGGGAGTGACCCAGGGCTT AAGCCCTGGGTCACTCCCCAGAAT 831 CTCTCCAAGGAGACCAATGT ACATTGGCTCGTCTCCTTGGAGAG 832 GAAAGGACGGGATTTGGGGGCTAA TTAGCCCCCAAATCCCGTCCTTTC 833 TATGTAGTACCTTGGCTCGCGCCA TGGCGAGCCAAGGTACTACATA	818	ATCGGACCGATTTGCTTTTGGCTG	CAGCCAAAAGCAAATCGGTCCGAT
TGGCGACTACTGTTCCCCTGAATC 822 CAGAGGGGACAGCCGTATGCCTTA 823 CGGTGGTTTTATCGGAATCTGCGA 824 TTGGCCTCCGACCTCACGACATAT 825 CGTTTCGCTAGCATAT 826 ACTAAGCGGTGGATCTGCGA 827 ATATTGGCTGCGTTTACGGATCCGGCCGA 828 CCGCTATGCATCTGCGCCCGA 829 GTTGCATGTGGCATCCGACATAT 828 CCGCTATGGTGGCAATCCCGATAACGCACCATAT 829 GTTGCATGTGGCAATCCCGATAC 830 ATTCTGGGGAGTCAGCGGCTT 831 CTCTCCAAGGAGACCAATGT 832 GAAAGGACGGGATTTGGGGCCAA 833 TATGTAGTACCTTGGGGCCCA 834 TATGCCCCCAAATCCCGATAC 835 TATGTAGTACCTTGGGGCCAAT 836 TATGCCGCCTGAGCCACATCCCACACTCCACCACTCCACCACACACA	819	TCCGCCGAAGCACACGCTTATTCG	CGAATAAGCGTGTGCTTCGGCGGA
822 CAGAGGGACAGCCGTATGCCTTA TAAGGCATACGGCTGTCCCCTCTG 823 CGGTGGTTTTATCGGAATCTGCGA TCGCAGATTCCGATAAAACCACCG 824 TTGGCCTCCGACCTCACGACATAT ATATGTCGTGAGGTCGGAGGCCAA 825 CGTTTCGCTAGCATCTGGCGCCGA TCGGCGCCAGATGCTAGCGAAACG 826 ACTAAGCGGTGGAGCCGGTGGATG CATCCACCGGCTCCACCGCTTAGT 827 ATATTGGCTGCGTTTACGGGCCGC GCGGCCCGTAAACGCAGCCAATAT 828 CCGCTATGGTGGCAATCCCGATAC GTATCGGGATTGCCACCATAGCGG 829 GTTGCATGTGGCTCAGGCGGCATA TATGCCGCCTGAGCCACATGCAAC 830 ATTCTGGGGAGTGACCCAGGGCTT AAGCCCTGGGTCACTCCCCAGAAT 831 CTCTCCAAGGAGACCAATGT ACATTGGCTCGTCTCCTTGGAGAG 832 GAAAGGACGGGATTTGGGGGCTAA TTAGCCCCCAAATCCCGTCCTTTC 833 TATGTAGTACCTTGGCTCGCGCCA TGGCGAGCCAAGGTACTACATA	820	AACGGTACGCATTGTGAGCAGTGT	ACACTGCTCACAATGCGTACCGTT
CGGTGGTTTTATCGGAATCTGCGA CGGTGGTTTTATCGGAATCTGCGA TCGCAGATTCCGATAAAACCACCG TTGGCCTCCGACCTCACGACATAT ATATGTCGTGAGGTCGGAGGCCAA CGTTTCGCTAGCATCTGGCGCCGA TCGGCGCCAGATGCTAGCGAAACG ACTAAGCGGTGGAGCCGGTGGATG ATATTGGCTGCGTTTACGGGCCGC CGCGCCCGTAAACGCAGCCAATAT CGCGCTATGGTGGCAATCCCGATAC CGTATCGGGATTGCCACCATAGCGG CGTTCCACGGCTCACCATACC CTATCGGGATTGCCACCATAGCGG CTATCGGGATTGCCACCATAGCGG CTATCGGGATTGCCACCATAGCAC ATTCTGGGGAGTGACCCAGGGCTT AAGCCCTGGGTCACTCCCCAGAAT CTCTCCAAGGAGACCAATGT CTCTCCAAGGAGACCAATGT ACATTGGCTCGTCTCCTTGGAGAG CAAAGGACGGGATTTGGGGGGCTAA CTATCGCCCCAAATCCCGTCCTTTC CCCCCCAAATCCCGTCCTTTC CCCCCCAAGGTACTACATA	821	TGGCGACTACTGTTCCCCTGAATC	GATTCAGGGGAACAGTAGTCGCCA
TIGGCCTCCGACCTCACGACATAT ATATGTCGTGAGGTCGAGGCCAA CGTTTCGCTAGCATCTGGCGCCGA TCGGCGCCAGATGCTAGCGAAACG ACTAAGCGGTGGAGCCGGTGGATG CATCCACCGGCTCCACCGCTTAGT ATATTGGCTGCGTTTACGGGCCGC GCGGCCCGTAAACGCAGCCAATAT CCGCTATGGTGGCAATCCCGATAC GTATCGGGATTGCCACCATAGCGG GTTGCATGTGGCTCAGGCGGCATA TATGCCGCCTGAGCCACATGCAAC ATTCTGGGGAGTGACCCAGGGCTT AAGCCCTGGGTCACTCCCCAGAAT ATCTCCAAGGAGACCAATGT ACATTGGCTCGTCTCCTTGGAGAG ACATTGGCTCGTCTCCTTTGGAGAG ACATTGGCCCCAAATCCCGTCTTTC ACATTGGCCCCCAAATCCCGTCCTTTC ACATTGGCCCCCAAATCCCGTCCTTTC ACATTGGCCCCCAAATCCCGTCCTTTC ACATTGGCCCCCAAATCCCGTCCTTTC ACATTGGCCCCCAAATCCCGTCCTTTC ACATTGGCCCCCAAATCCCGTCCTTTC ACATTGCCCCCAAATCCCGTCCTTTC ACATTGGCCCCCAAATCCCGTCCTTTC ACATTGGCCCCCAAATCCCGTCCTTTC ACATTGGCCCCCAAAGGTACTACATA	822	CAGAGGGGACAGCCGTATGCCTTA	TAAGGCATACGGCTGTCCCCTCTG
825 CGTTTCGCTAGCATCTGGCGCCGA TCGGCGCCAGATGCTAGCGAAACG 826 ACTAAGCGGTGGAGCCGGTGGATG CATCCACCGGCTCCACCGCTTAGT 827 ATATTGGCTGCGTTTACGGGCCGC GCGCCCGTAAACGCAGCCAATAT 828 CCGCTATGGTGGCAATCCCGATAC GTATCGGGATTGCCACCATAGCGG 829 GTTGCATGTGGCTCAGGCGGCATA TATGCCGCCTGAGCCACATGCAAC 830 ATTCTGGGGAGTGACCCAGGGCTT AAGCCCTGGGTCACTCCCCAGAAT 831 CTCTCCAAGGAGACGAGCCAATGT ACATTGGCTCGTCTCCTTGGAGAG 832 GAAAGGACGGGATTTGGGGGGCTAA TTAGCCCCCAAATCCCGTCCTTTC 833 TATGTAGTACCTTGGCTCGCGCCA TGGCGCGAGCCAAGGTACTACATA	823	CGGTGGTTTTATCGGAATCTGCGA	TCGCAGATTCCGATAAAACCACCG
826 ACTAAGCGGTGGAGCCGGTGGATG CATCCACCGGCTCACCGCTTAGT 827 ATATTGGCTGCGTTTACGGGCCGC GCGGCCCGTAAACGCAGCCAATAT 828 CCGCTATGGTGGCAATCCCGATAC GTATCGGGATTGCCACCATAGCGG 829 GTTGCATGTGGCTCAGGCGGCATA TATGCCGCCTGAGCCACATGCAAC 830 ATTCTGGGGAGTGACCCAGGGCTT AAGCCCTGGGTCACTCCCCAGAAT 831 CTCTCCAAGGAGACGAGCCAATGT ACATTGGCTCGTCTCCTTGGAGAG 832 GAAAGGACGGGATTTGGGGGGCTAA TTAGCCCCCAAATCCCGTCCTTTC 833 TATGTAGTACCTTGGCTCGCGCCA TGGCGCGAGCCAAGGTACTACATA	824	TTGGCCTCCGACCTCACGACATAT	ATATGTCGTGAGGTCGGAGGCCAA
827 ATATTGGCTGCGTTTACGGGCCGC GCGCCCGTAAACGCAGCCAATAT 828 CCGCTATGGTGGCAATCCCGATAC GTATCGGGATTGCCACCATAGCGG 829 GTTGCATGTGGCTCAGGCGGCATA TATGCCGCCTGAGCCACATGCAAC 830 ATTCTGGGGAGTGACCCAGGGCTT AAGCCCTGGGTCACTCCCCAGAAT 831 CTCTCCAAGGAGACGAGCCAATGT ACATTGGCTCGTCTCCTTGGAGAG 832 GAAAGGACGGGATTTGGGGGGCTAA TTAGCCCCCAAATCCCGTCCTTTC 833 TATGTAGTACCTTGGCTCGCGCCA TGGCGCGAGCCAAGGTACTACATA	825	CGTTTCGCTAGCATCTGGCGCCGA	TCGGCGCCAGATGCTAGCGAAACG
828 CCGCTATGGTGGCAATCCCGATAC GTATCGGGATTGCCACCATAGCGG 829 GTTGCATGTGGCTCAGGCGGCATA TATGCCGCCTGAGCCACATGCAAC 830 ATTCTGGGGAGTGACCCAGGGCTT AAGCCCTGGGTCACTCCCCAGAAT 831 CTCTCCAAGGAGACGAGCCAATGT ACATTGGCTCGTCTCCTTGGAGAG 832 GAAAGGACGGGATTTGGGGGGCTAA TTAGCCCCCAAATCCCGTCCTTTC 833 TATGTAGTACCTTGGCTCGCGCCA TGGCGCGAGCCAAGGTACTACATA	826	ACTAAGCGGTGGAGCCGGTGGATG	CATCCACCGGCTCCACCGCTTAGT
829 GTTGCATGTGGCTCAGGCGGCATA TATGCCGCCTGAGCCACATGCAAC 830 ATTCTGGGGAGTGACCCAGGGCTT AAGCCCTGGGTCACTCCCCAGAAT 831 CTCTCCAAGGAGACGAGCCAATGT ACATTGGCTCGTCTCCTTGGAGAG 832 GAAAGGACGGGATTTGGGGGGCTAA TTAGCCCCCAAATCCCGTCCTTTC 833 TATGTAGTACCTTGGCTCGCGCCA TGGCGCGAGCCAAGGTACTACATA	827	ATATTGGCTGCGTTTACGGGCCGC	GCGGCCGTAAACGCAGCCAATAT
830 ATTCTGGGGAGTGACCCAGGGCTT AAGCCCTGGGTCACTCCCCAGAAT 831 CTCTCCAAGGAGACGAGCCAATGT ACATTGGCTCGTCTCCTTGGAGAG 832 GAAAGGACGGGATTTGGGGGCTAA TTAGCCCCCAAATCCCGTCCTTTC 833 TATGTAGTACCTTGGCTCGCGCCA TGGCGCGAGCCAAGGTACTACATA	828	CCGCTATGGTGGCAATCCCGATAC	GTATCGGGATTGCCACCATAGCGG
831 CTCTCCAAGGAGACGAGCCAATGT ACATTGGCTCGTCTCCTTGGAGAG 832 GAAAGGACGGGATTTGGGGGGCTAA TTAGCCCCCAAATCCCGTCCTTTC 833 TATGTAGTACCTTGGCTCGCGCCA TGGCGCGAGCCAAGGTACTACATA	829	GTTGCATGTGGCTCAGGCGGCATA	TATGCCGCCTGAGCCACATGCAAC
832 GAAAGGACGGGATTTGGGGGCTAA TTAGCCCCCAAATCCCGTCCTTTC 833 TATGTAGTACCTTGGCTCGCGCCA TGGCGCGAGCCAAGGTACTACATA	830	ATTCTGGGGAGTGACCCAGGGCTT	AAGCCCTGGGTCACTCCCCAGAAT
833 TATGTAGTACCTTGGCTCGCGCCA TGGCGCGAGCCAAGGTACTACATA	831	CTCTCCAAGGAGACGAGCCAATGT	ACATTGGCTCGTCTCCTTGGAGAG
	832	GAAAGGACGGGATTTGGGGGCTAA	TTAGCCCCAAATCCCGTCCTTTC
834 TCCCTTTCGATGAGCGGCTGTACT AGTACAGCCGCTCATCGAAAGGGA	833	TATGTAGTACCTTGGCTCGCGCCA	TGGCGCGAGCCAAGGTACTACATA
	834	TCCCTTTCGATGAGCGGCTGTACT	AGTACAGCCGCTCATCGAAAGGGA



835	TAGATCGGGCAGAGCCCGTATCTT	AAGATACGGGCTCTGCCCGATCTA
836	GGAATGCTTTAGGCTGCCGAGCTG	CAGCTCGGCAGCCTAAAGCATTCC
837	ATGGTAGCAACATTCAACGCCAGG	CCTGGCGTTGAATGTTGCTACCAT
838	CTATGAAACGTGTGGCCCAGCAAC	GTTGCTGGGCCACACGTTTCATAG
839	ATGTTGCTAGTGCCTTTCGGGCCT	AGGCCCGAAAGGCACTAGCAACAT
840	CCAATGTGCGCAGACTCAGTCATT	AATGACTGAGTCTGCGCACATTGG
841	GATAGTGCTCGCAAACGGGCCTTC	GAAGGCCCGTTTGCGAGCACTATC
842	GCACCCTGTTGCCTCATTGAGCGT	ACGCTCAATGAGGCAACAGGGTGC
843	GGCGTGAATAGAGTGACCAGGCGG	CCGCCTGGTCACTCTATTCACGCC
844	ACGTGCCAGCTGCGGGCACTTTAT	ATAAAGTGCCCGCAGCTGGCACGT
845	AGTGGAATAGTCGCGTCGTGCCGC	GCGGCACGACGACTATTCCACT
846	ACTCGCCTATTACCGCTGGATTGG	CCAATCCAGCGGTAATAGGCGAGT
847	GAGACCGGATTGAGATGATCCCGT	ACGGGATCATCTCAATCCGGTCTC
849	CTGGCAGTTTACCACCGAACCAGT	ACTGGTTCGGTGGTAAACTGCCAG
850	TTACATTGCCGATTTCGCATGTGA	TCACATGCGAAATCGGCAATGTAA
851	TAAAACTGAAGGGTCGCCTCAGCA	TGCTGAGGCGACCCTTCAGTTTTA
852	GGCTTCGCATGCCTTTGCAACATT	AATGTTGCAAAGGCATGCGAAGCC
853	AAGACCGAAGGTCTCTCTGAGGGC	GCCCTCAGAGAGACCTTCGGTCTT
854	GCCTATGGCTCCAGCTCAGCAGTA	TACTGCTGAGCTGGAGCCATAGGC
855	CGTATCATAGCGTTCGGTGGACAA	TTGTCCACCGAACGCTATGATACG
856	CATGCGCTCGCACTCTGCCTGTCT	AGACAGGCAGAGTGCGAGCGCATG
857	TGGGCAATTCGGAAACGTCGGTCT	AGACCGACGTTTCCGAATTGCCCA
858	TTGCGGAGATGCGACGGTACATTG	CAATGTACCGTCGCATCTCCGCAA
859	ACTTTCGCACGTCGATCTGGACTG	CAGTCCAGATCGACGTGCGAAAGT
860	CTAACTGCCGCGGCAAACTGATTA	TAATCAGTTTGCCGCGGCAGTTAG
861	GGCCGCGGATTTTATTCCTTGGAT	ATCCAAGGAATAAAATCCGCGGCC
862	GAATTTGGAACGGTGTTCCGATGA	TCATCGGAACACCGTTCCAAATTC
863	GTCCATCCATCTACGGCATCAGGA	TCCTGATGCCGTAGATGGATGGAC
864	TAAACGACCTGGCACATGTGCGTA	TACGCACATGTGCCAGGTCGTTTA
865	CACCATCCAAGAGCCAATCCTAGG	CCTAGGATTGGCTCTTGGATGGTG
866	ACTCATATACGATCAGTCCGCCGC	GCGGCGACTGATCGTATATGAGT
867	GTGCCAACCGACGATCAACCGAAC	GTTCGGTTGATCGTCGGTTGGCAC
868	TGGGGTTCGTACAGGTCGGTTCAT	ATGAACCGACCTGTACGAACCCCA
869	AACAGTAGAGGCGAGGCCTGCGGG	CCCGCAGGCCTCGCCTCTACTGTT
870	TGCATCGAATCCGAGATGGATCTT	AAGATCCATCTCGGATTCGATGCA
871	GCGTCACGTTATGTCCGCTCTGTC	GACAGAGCGGACATAACGTGACGC
872	GGGACATGCGTAGCGCAATATCAC	GTGATATTGCGCTACGCATGTCCC
873	CACACGTCACACCATCCAAAGTGG	CCACTTTGGATGGTGTGACGTGTG



874	ATGCTCAGGTGCTAAATACGGCCA	TGGCCGTATTTAGCACCTGAGCAT
875	AAAAATGTTTAGCGCGCTGACTGG	CCAGTCAGCGCGCTAAACATTTTT
876	ATAGTCCGTTTCCGACGA	TCGTTGGGAACGGAAACGGACTAT
877	TCGATCTTCTGGGTTGCAGACCAG	CTGGTCTGCAACCCAGAAGATCGA
878	GTCGGCGCAGCCGATCCTCATGTC	GACATGAGGATCGGCTGCGCCGAC
879	GTTGCGGGGTGTCGAAAAGGATCT	AGATCCTTTTCGACACCCCGCAAC
880	ATCTCTTCCTCGGGTGGATGCCAG	CTGGCATCCACCCGAGGAAGAGAT
881	TGATGTGCGTTTCAGCTTTTCGCG	CGCGAAAAGCTGAAACGCACATCA
882	GTTAAGGGGTGAGAACATCCGGCC	GGCCGGATGTTCTCACCCCTTAAC
883	AAGTCGTCTCCCTGCGTCTCGTCC	GGACGAGACGCAGGGAGACGACTT
884	CCGACCTAATAAGGCGCAACAATG	CATTGTTGCGCCTTATTAGGTCGG
885	CATCATTGGCACCGTACCAATGCC	GGCATTGGTACGGTGCCAATGATG
886	TGGAGAAAGGGAAGTGCAGCAACG	CGTTGCTGCACTTCCCTTTCTCCA
887	TGGTACTCCTTGTCATGCCTGCCA	TGGCAGGCATGACAAGGAGTACCA
888	GGCACAGGTTCTCTTGCAGCGCGG	CCGCGCTGCAAGAGAACCTGTGCC
889	GAATCTGGGCATTGCTACGAGACC	GGTCTCGTAGCAATGCCCAGATTC
890	CGAAATGGGAGCGTCCACTACCAC	GTGGTAGTGGACGCTCCCATTTCG
891	ACATATGAGCTCGCGTGCTTGCAT	ATGCAAGCACGCGAGCTCATATGT
892	TCGAGCACGGTCACTGATAAAGCC	GGCTTTATCAGTGACCGTGCTCGA
893	GAGGGTCCCTGCTCAGAGTTGGTT	AACCAACTCTGAGCAGGGACCCTC
894	AAATGCGATCGCCCCTTATGGAAT	ATTCCATAAGGGGCGATCGCATTT
895	CTACCGAATGGATTGCGGATGGC	GCCATCCGCAATCCATTCGGGTAG
896	AGGGACTGGCAGGTCTCTGCGCGT	ACGCGCAGAGACCTGCCAGTCCCT
897	TAACGATCCATTCCACGAATGCAG	CTGCATTCGTGGAATGGATCGTTA
898	GGCCGCACGTACGATTACGCCTTG	CAAGGCGTAATCGTACGTGCGGCC
899	TGGGGAATGCATCAGTTGTTGGCT	AGCCAACAACTGATGCATTCCCCA
900	TATCTGGGAGTAGCAGGCAGGCC	GGCCCTGCCTGCTACTCCCAGATA
901	CCGAAGGTTTCACGCTCAGGTCGC	GCGACCTGAGCGTGAAACCTTCGG
902	GAACCCAGCTGGGACATCCTTCAG	CTGAAGGATGTCCCAGCTGGGTTC
903	TGCATGCGAGCAAATAACCCGGAC	GTCCGGGTTATTTGCTCGCATGCA
904	AATTGTCCGCCAAACGCTTTTCAG	CTGAAAAGCGTTTGGCGGACAATT
905	GTCGGCTTCGAGCGATCGAGTGTG	CACACTCGATCGCTCGAAGCCGAC
906	TCGCGTGCTCTACGTAGCCCATGA	TCATGGGCTACGTAGAGCACGCGA
907	GGCTTCCGCGATAACGTAATTCGC	GCGAATTACGTTATCGCGGAAGCC
908	TGTAGCCGACTAGGGCCGAAGCCC	GGGCTTCGGCCCTAGTCGGCTACA
909	AAGCGAACGCCCTGGCTGAATATT	AATATTCAGCCAGGGCGTTCGCTT
910	TGTCACGCGACGTGCTGCAGATTT	AAATCTGCAGCACGTCGCGTGACA
911	CCGTGTCCGTGTTGTCGACAGGCG	CGCCTGTCGACAACACGGACACGG



912	CCCCACACGTTGCGCCTATATGTG	CACATATAGGCGCAACGTGTGGGG
913	GGCGGGCACAACTCAACACAGATG	CATCTGTGTTGAGTTGTGCCCGCC
914	CGACTGCGGGATCACCGGTGATTA	TAATCACCGGTGATCCCGCAGTCG
915	TCGGGACATGACCGGTACGGAGTC	GACTCCGTACCGGTCATGTCCCGA
916	TACCTCGAGTGGCCGTTGATCGGG	CCCGATCAACGGCCACTCGAGGTA
917	TAATTCATGGGGCTAGCCGAACCA	TGGTTCGGCTAGCCCCATGAATTA
918	ACACTCTAAGCCGATTCCGTTCGA	TCGAACGGAATCGGCTTAGAGTGT
919	GTGGGCGTGAGTGACACGCACAAA	TTTGTGCGTGTCACTCACGCCCAC
920	ACGACTCCTCGGGCAAAGTACGTA	TACGTACTTTGCCCGAGGAGTCGT
921	TGTGGTCATGGCGCTACTGTTTTC	GAAAACAGTAGCGCCATGACCACA
922	CTTTCGCTAGCCAGAGCGGGTTCC	GGAACCCGCTCTGGCTAGCGAAAG
923	ACAGGGCGTGTTAGCGTGTGACAA	TTGTCACACGCTAACACGCCCTGT
924	GGTACTTCCGGCGTATCGGGCCAC	GTGGCCCGATACGCCGGAAGTACC
925	GTGGGTTTTGTTCACCCTTCTGGG	CCCAGAAGGGTGAACAAAACCCAC
926	ACGCAATTCCGCATTACTTACCCG	CGGGTAAGTAATGCGGAATTGCGT
927	CGCCTCGACTGCGGTCAAGCACAA	TTGTGCTTGACCGCAGTCGAGGCG
928	GTGAAATGGATCCAGAGAGGGCCA	TGGCCCTCTCTGGATCCATTTCAC
929	TATAAACGCTGCAGGGCTCCGTTA	TAACGGAGCCCTGCAGCGTTTATA
930	GTTATTCAGGCGGCTTGTAACGGG	CCCGTTACAAGCCGCCTGAATAAC
931	GGGTTCTAGCGTGCGCGTTCAGTT	AACTGAACGCGCACGCTAGAACCC
932	TTGGGCTCGAGCGGTACACCACTA	TAGTGGTGTACCGCTCGAGCCCAA
933	CCGTCTTCAGGACAACGGTATGCG	CGCATACCGTTGTCCTGAAGACGG
934	GGACCCTTTGACAGATTGCGGCAC	GTGCCGCAATCTGTCAAAGGGTCC
935	TAAATTTTATCGCCAGGCGGCGCT	AGCGCCGCCTGGCGATAAAATTTA
936	GCCGAACGCAAGATCGCTTGAACT	AGTTCAAGCGATCTTGCGTTCGGC
937	TAGGCCATTGGTGCCCTAAGACGG	CCGTCTTAGGGCACCAATGGCCTA
938	CAAACCACAGCTTACAGGCTGCGT	ACGCAGCCTGTAAGCTGTGGTTTG
939	TAAACGGAGACTGGCACGGTAGCA	TGCTACCGTGCCAGTCTCCGTTTA
940	TAGCGCGCATCACACTTGGAATCG	CGATTCCAAGTGTGATGCGCGCTA
941	TGCTGACACAAACGAGCCGTTTCG	CGAAACGGCTCGTTTGTGTCAGCA
942	CGCTTAACGGCATTGACTGTCCAC	GTGGACAGTCAATGCCGTTAAGCG
943	TTCCACGGCCGTGTATTACGGATA	TATCCGTAATACACGGCCGTGGAA
944	TTTATGCCGTTGCCGAGGAAGACT	AGTCTTCCTCGGCAACGGCATAAA
945	AGTGCCGAGATAGGGGACTGGGCG	CGCCCAGTCCCCTATCTCGGCACT
946	CTAGTCTCCACGCCCTCGGGACGA	TCGTCCCGAGGGCGTGGAGACTAG
947	CCGCCATTCGGAAGATGGATGATG	CATCATCCATCTTCCGAATGGCGG
948	TGACGGTGAAAGTCGATTGCGAAG	CTTCGCAATCGACTTTCACCGTCA
949	ATATGCGTCACCACCCGGTTCCGA	TCGGAACCGGGTGGTGACGCATAT



950 CCATCAGTGAAGGGTTGCTGCCA 951 CATATGTGCTTGGCTTGCGATGAC 951 TCTGCTTTGGATGCCTGCCATGAC 952 TCTGCTTTGGAAGCCTGAACTGCT AGCAGTTCAGGGTTCCCAAGCCAGAGCAAGCAAGCAGAG 953 CGATTTGGTAAGCCTGAACTGCT AGCAGTTCAGGGTTCCAAAGCAGA 954 ATCAGAGGCCTGCAAGCAGAAT 955 ATCAGAGGCCTCCCGCCTCGTTA 955 ATTGTTGTCGTTGCACACATCGCAG 956 TGAAATGTGCTTGGACCACATCGCAG 957 GCGGGCGATGCTCCACACTCGCAG 958 CCGCAATCTCCATACAGGGTA 959 TGCCGCTCCTCATAAAGGGTA 959 TGCCGCGTAATCACCTGGAACTTG 959 TGCCGCGTAATCACCTGGAACTTG 950 TTCCAGTAGCAGAGCAGACTTG 951 TGCCGCGTAATCACCTGGAACTTG 952 TGCCGCGTAATCACCTGGAACTTG 953 TGCCGCGTAATCACCTGGAACTTG 954 TTCCAGTAGCCAGCGGTAGTTGAA 955 TGCCGCGTAATCACCTGGAACTTG 956 TGCCGCGTAATCACCTGGAACTTG 957 CCGCAGTACACCCGCCA 958 CCGCAATCTCCATGCGTCGACCCGT 958 TGCCGCGTAATCACCTGGAACTTG 959 TGCCGCGTAATCACCTGGAACTTG 959 TGCCGCGTAATCACCTGGAACTTG 950 TTCCAGTAGCCAGCGGTAGTTGCA 951 TCCCAGTAGCCAGCGGTAGTTCGA 952 GCTTGAACCTCGAGGCGATGTTCT AGAACATCCCCTCGAGGCGAATTCCGACC 953 CAAGCGTGGAAGTACGACCCCCCA 954 GTGTGCACCTGGAGCCCTAG 955 TCCCTGGGCTAGCACTAGCACCCCCCA 956 TCCCTGGGCTAGCACTTGCGAACCT 956 TCCCTGGGCTAGCATTGCGAGCCTAG 956 TCCCTGGGCTAGCATTGCGAGCCTAG 956 TCCCTGGGCTAGCATTTTGCCG 957 CGTCACATGCAAACACGTTCCTCCC 958 TGACCCCATGTGTATTGCAG 958 TGACCCCATGTGTATTGCAG 959 GCGGCCCAATGAGTATCCCTCCC 968 TGACCCGCTGGTTAGTACCCCCCCC 968 TGACCCGCTGGTTATTGCAGC 969 GCGGGCCCAATGAGTATCCCTCCC 969 GCGGGCCCAATGAGATTTCCATCCCT 970 TAGTGACTGCAACCCCCTGGTT ACCAGCGGCTAGACACACACTTTTCCATCCCT 971 GGCACCGTCTGCCTCCC 972 TCGATGCAGTTTTTTCCCGTCCA 973 ACCCCGTGGGTTAATC GATATACCGCGGCGAACACAACCGCCTTGGT 974 CTACACGCGCGCGTATATC GATATACCGCGGCGAACCACTCCAACACACACGCGCTCATCACACACA			
952 TCTGCTTTGGAAGCCTGAACTGCT 953 CGATTTGGTCAAGAAGGCGGAAAT 953 CGATTTGGTCAAGAAGAGCGGAAAT 954 ATCAGAGGCCTTCCCGCCTCGTTA 955 ATTGTTGTCGTTGCCACATCGCAG 956 TGAAATGTGTTGCCACATCGCAG 957 CGCGGCGATTGCCAGCTCGTTA 958 TGAAATGTGTTGGACGCGAGTCT 958 CGCGACTCCTTAAAGGGTA 959 TGCAATCCCATCCCAG 958 CCGCAATCTCCATGCAGCTCATAAGGAAGCACACAAT 957 GCGGGCGATGCTCCTTAAAGGGTA 958 CCGCAATCTCCATGCGTCGACCGT 958 CCGCAATCTCCATGCGTCGACCGT 959 TGCCGCGTAATCACCTGGAACTTG 959 TGCCGCGTAATCACCTGGAACTTG 960 TTCCAGTAGCCAGCGGATGTTGA 961 CTGAATTCCGCCTGGAACTTG 962 GCTTGAACCTCGAGGCGATGTTCT 963 CAAGCGTGGAACTTCCAGCCCCCA 964 GTGTGAACCTCGAGGCGATGTTCT 964 GTGTGAACCTCGAGGCGATGTTCT 965 TCCCTGGGAACATAGCCCCCCA 966 TCCCTGGGAACATTGCACCCCCCA 966 TCCCTGGAACATTGCACCCCCCA 967 CGTCACATCACATTGCAGCCCCCCA 968 TCCCTGGGCTAACATTGCAGCCCCCCA 969 GCGGCCCAAACAACGTTCCCCCC 960 AGAACCAAAGACCGTTGTTTTCCC 961 CGTCACATGCAACACTTGCCCCCC 962 GCTTGAACCTCGAGCCCTAG 963 TCCCTGGGCTAACATTGCAGCCCCCCA 964 GTGTGCACTGGAACCTTGCCCCCCC 965 TCCCTGGGCTAACATTGCCAGCCCCCA 966 TCCCTGGGCTAACATTGCCAGCCCCCA 967 CGTCACATGCAACACTTCCCCCC 966 GGGGAACCATTGCTAGCCCAGGA 968 TGACCCGCATGTATTGAGTCCCTCC 966 GGGGGAACCATTGCATGCACCCCCC 970 TACTGCAACCATCCTCCC 966 GGGGCCCAATGAACATCCGTCCT 971 GGCACCCTCTGCCGCCCCTATTAC 971 GGCACCGTCTGCCGCCCCTATTTT 0ACCAGGGGCTTCACACTCCCC 972 TCGATGCAGTCTTTTCCCGTCAA 973 ACCCCGTGGGTTTTCCCGTCAA 974 CTACACGCGCCCTATTTT 0ACACGCGCGCCTATTTT 0ACACGCGCGCCTATTTT 0ACACGCGCGCCTATTTT 0ACACGAGCACCTCCTAAAACGTCCCCC 976 CGACCCACCACCCCTATTTT 0ACACGAGCAACACCCCCCCGCC 977 CCACGCGCCCTATTTT 0ACACGCGCGCCTATTTT 0ACACGCGCGCCTATAC 977 CCCACGCGCCCTATTTT 0ACACGAGCAACCCCCCCGCC 978 CCCACGACCTCCTAAAATCGGT 0ACACGAGCACCTCCTAAAATCGGT 0ACACGCCCACGAGCTCCTAAAATCGGT 0ACACGCACCACCACCACCACCACCACCACCACCACCACCA	950	CCATCAGTGAAGGGGTTGCTGCCA	TGGCAGCAACCCCTTCACTGATGG
953 CGATTTGGTCAAGAAGGCGGAAAT ATTTCCGCCTTCTTGACCAAATCG 954 ATCAGAGGCCTTCCCGCCTCGTTA TAACGAGGCGGAAGGCCTCTGAT 955 ATTGTTGTCGTTGCCACATCGCAG CTGCGATGTGGCAACGACACAAT 956 TGAAATGTGTCTGGACGCGAGTCT AGACTCGCGCTCCAGACACAATTCA 957 GCGGGCGATGCTCCTTAAAGGGTA TACCCTTTAAGGAGCACCACCGC 958 CCGCAATCTCCATGCGTCGACCGT ACGCTCCAGAGACAATTTCA 957 GCGGCGATGCTCCATAAAGGGTA TACCCTTTAAGGAGCACTGCCCGC 958 TGCCGCGTAATCACCTGGAACCTT CAAGTTCAGGTGATTACGCGGCA 960 TTCCAGTAGCCAGCGGTAGTGTGA TCACACTACCGCTGGATTCACGGCAA 961 CTGAATTCCGCCTATTGTTCGGCA TCCCAACACAATAGGCGGAATTCAG 962 GCTTGAACCTCGAGGCGATGTTCT AGAACATCGCCTCGAGGTTCAAGC 963 CAAGCGTGGAACTACGACCCGCCA TGCCGACCAATGAGGCGAATTCAG 964 GTGTGCACTGGAGCCCTCAG CTAGGGCTCAGAGGTTCAAGC 965 TCCCTGGGCTAGCACCCGCCA TGCCGGACAACAATAGGCGGAACACC 966 AGAACCAAAGACGCTTGTTTGCCAGCTT 967 CGTCACATGCAACACTTCCCTCCC GGGAGGAACCAAGCGGTTTTGCTTC 968 TGACCGCAATGCTATGCGAAGGTT 969 GCGGCCCAATGCTAGCACCGCCA 969 GCGGCCCAATGCTAGCACCGCCA 969 GCGGCCCAATGCTAGCACCGCCA 969 TGACCGCAATGCTATCCCTCCC GGGAGGAACCATGCCCAGGGA 969 GCGGCCCAATGATATCCGTCCAT 970 TAGTGACTTGAACGCCCCTCGAT 971 GGCACCGTTTTTCCCGTCAA TTGACGGGCTTCACATTGCACCTC 972 TCGATGCAGTGAACGCCCCTGGTT AACCAGGGGCGTTCACATACACATGCGAT 973 ACCCCGTGGGGTTTTCCCGTCAA TTGACGGGGGAAAAAAGACTGCATCACA 974 CTACACGCGCAGTTTTTCCCGTCAA TTGACGGGGGAAAAAAGACTGCATCACTA 975 CCGCAGCAACCTCTAAAATCGT ACCAAGTCACACTCCACAGGGTGCC 976 CGACCCAGCACTTTTTTCCCGTCAA TTGACGGGGGAAAAAAGACTGCATCAC 977 TCGATGCAGTTTTTCCCGTCAA TTGACGGGGGAAAACCCCACGGGGTCC 978 CGCACCACCTCATACTCTGGAGCC 979 CCGACCAACTCCTCAAAATCGT ACCAAGTCACAACTGCGGTGCG 979 CCGACCCAGCACTCTCAAAATCGT ACCAAGTCACAACTGCGGTGCG 979 CCGCACCACCTCCTAAAATCGT ACCAAGTCACAACTGCGGTGCG 979 TCGTTGGCCAAAACCGA CTGGCTTTTTCCAGCAACTGACGAACTGCACACTGCGGGGGGGG	951	CATATGTGCTTGGCTTGCGATGAC	GTCATCGCAAGCCAAGCACATATG
ATCAGAGGCCTTCCCGCCTCGTTA 955 ATTGTTGTCGTTGCCACATCGCAG CTGCGATGTGGCAACGACAACAAT 956 TGAAATGTGTCTGGACGCGAGTCT AGACTCGCGTCCAGACCACACACAT 957 GCGGGCGATGCTCCTTAAAGGGTA TACCCTTTAAGGAGCACCACATTTCA 957 GCGGGCGATGCTCCTTAAAGGGTA TACCCTTTAAGGAGCACCACTTTCA 958 CCGCAATCTCCATGCGTCGACCGT ACGGTCGACGCATGGACGCCGC 958 CCGCAATCTCCATGCGTCGACCGT ACGGTCGACGCATGGAGATTGCGC 959 TGCCGGTAATCACCTGGAACTTG CAAGTTCCAGGTGATTACGCGGCA 960 TTCCAGTAGCCAGCGGTAGTGTAA 961 CTGAATTCCGCCTATTGTTCGGCA TCCAGAACAATAGGCGGAATTCAG 962 GCTTGAACCTCGAGGCGATGTTCT AGAACATCGCCTCGAGGTTAAGC 963 CAACCGTGGAAGTACGACCCGCA TGCCGAACAATAGGCGGAATTCAG 964 GTGTGCACTGGAGCCGTAG 965 TCCCTGGGCTAGCATTGTTGCCG 966 AGAACCAAAGACGCTTGTTTGCCG 967 CGTCACATGCAACGTTTTTGCCG 968 TGACCGCAAGCATGACTTTTTCCCC GGGAAGCAACAAGCGTCTTTTGTTC 967 CGTCACATGCAAACGTTCCCTCCC GGGAAGCAACAAGCGTCTTTTGTTC 968 TGACCGCATGTTATTGAGTCCCT 969 GCGGGCCCAATGAGTATTCCGTCAT ATCACGGATACCACTGCCCC 970 TAGTGACTTGAACGCCCTGCT 770 TAGTGACTTGCAGCCCTGCT 771 GGCACCGTCTGCCGCGCGTATATC GATATACCGCGCGGCAACACACCCCCCC 972 TCGATGACCTCCCCCCCCCC GGCAACCAACACCCCCCCC 973 ACCCCGTGGGGTTTCCCCTCCC GGGAACCAACACCCCCCCC 974 CTCACACCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	952	TCTGCTTTGGAAGCCTGAACTGCT	AGCAGTTCAGGCTTCCAAAGCAGA
955 ATTGTTGTCGTTGCCACATCGCAG 956 TGAAATGTGTCTGGACGCGAGTCT AGACTCGCGTCCAGACACAATTCA 957 GCGGGCGATGCTCTTAAAGGGTA TACCCTTTAAGGAGCATCGCCCGC 958 CCGCAATCTCCATGCGTCGACCGT ACGGTCGACGCATGCAGATTTCCA 959 TGCCGCGTAATCACCTGGAACTTG CAAGTTCCAGGTGATTACGCGGCA 959 TGCCGCGTAATCACCTGGAACTTG CAAGTTCCAGGTGATTACGCGGCA 960 TTCCAGTAGCCAGCGGTAGTGTGA TCACACTACCGCTGGCTACTGGAA 961 CTGAATTCCGCCTATTGTTCGGCA TGCCGAACAATAGGCGGAATTCAG 962 GCTTGAACCTCGAGGCGATGTTCT AGAACATAGGCGGATTCAG 963 CAAGCGTGGAAGTACGACCCGCCA TGCCGAACAATAGGCGGAATTCAG 964 GTGTGCACTGGAGCCCTAG CTAGGGCTCGAGGTTCAAGC 965 TCCCTGGGCTAGCATTGCGAGCCCTAG 966 AGAACCAAAGACGCTTGTTTGCCG CGCCAAACAAAGCGTCTTTGGTTCT 967 CGTCACATGCAAACGTTCCTCCC GGGAGGAACAAAGCGTCTTTGGTTC 968 TGACCGCAATGTATTTGAGTCCCTCCC GGGAGGAACAAAGCGTCTTTGGTTC 969 GCGGGCCCAATGAGTATCCGTCCA ACCGACCACACACACACACACACACACACACACACA	953	CGATTTGGTCAAGAAGGCGGAAAT	ATTTCCGCCTTCTTGACCAAATCG
956 TGAAATGTGTCTGGACGCGAGTCT 957 GCGGGCGATGCTCCTTAAAGGGTA 958 CCGCAATCTCCATGCGTCGACCGT 958 CCGCAATCTCCATGCGTCGACCGT 959 TGCCGCGTAATCACCTGGAACTTG 950 TGCCGCGTAATCACCTGGAACTTG 950 TGCCGCGTAATCACCTGGAACTTG 950 TGCCGCGTAATCACCTGGAACTTG 960 TTCCAGTAGCCACCGGTAGTGTGA 961 CTGAATTCCGCCTATTGTTCGGCA 962 GCTTGAACCTCGAGGCGATGTTCT 963 CAAGCGTGGAAGTACCCGCA 964 GTGTGCACTTGGAGCCCCCA 965 TCCCTGGGAAGTACGCCCCA 965 TCCCTGGGCTAGCTTCA 966 TCCCTGGGCTAGCTTCA 967 TCCCTGGGCTAGCTTCA 968 TCCCTGGGCTAGCACATCGCCTCGAGGTTCAAGC 969 TCCCTGGGCTAGCACCCCCA 960 TCCCTGGGCTAGCACCCCCA 961 TCCCTGGGCTAGCACCCCCA 962 CAACCAAGCACTCGCCCAC 963 TCCCTGGGCTAGCACCCCCA 964 GTGTGCACTGGACCCTCAG 965 TCCCTGGGCTAGCATTGCCGAGGCT 966 AGAACCAAAGCGTTCTTTGCCC 967 CGTCACATGCAAACGTTCCCTCCC 968 TGACCCAATGCTAGCCCAGGAC 969 GCGGGCCCAATGAGTACCCCCCC 960 GCGGGCCCAATGAGTACCCCCCC 970 TAGTGACTGTGAACCCCCCTGGTT ACCAGCGGAACCAACACACCCCCCGC 970 TAGTGACTGTGAACGCCCCTGGTT AACCAGGGGCTTCACACACTCACAC 971 GGCACCGTCTGCCGCGCGTATATC 972 TCGATGCAGCTCTTTTTCCCGTCAA 973 ACCCCGTGGGGTTCACCAGCCCCTGGT 974 CTACACCGCGCGGTATATC 975 CGCAGCACCTCTTCTCGGACCC 976 CGACCCAGCACCTCTCTGGACCC 977 ACCCCGCGCAGTTTGCCCCCCC 977 ACCCCCGCGCGTATATC 977 ACCCCCGCGCATTTTTTCCCGTCAA 978 CCCACCGCCAGCTTCTCTGGACCC 979 TCGATGCAGCCCCTTGGTT AAAAATGGCGAAAACCCCACGGGGT 970 TAGTGACTTCTTTCCCGTCAA 971 ACCCCGCGCGCATTTTTTCCCGTCAA 972 TCGATGCAGCTCTTAAAATCGGT 974 CTACACCGCCCCTTGTTTTCCCGTCAA 975 CGCACCCAGCACTCTCTCTGGAGCC 976 CGACCCAGCACTCTCTCTGGAGCC 977 ACCCCCGCGCTCATCACTACAATCT AGATTGTAGTGAGCCCCCCAGGAGTCGCCGGCGT 978 CGCACCCAGCACTCTCTCTGGAGCC GCCTCCAAGGAACCCCACAGAACCCCACGGGGT 978 CGCACCCAGCACTCTCTCTGGACCC 979 TCGTTGGGCCAATAAGGCAACCCC GGCTTTTTTCCCGT ACGAGGAACTTCCTGTGGCCAAGCCC 980 CCGCTTGTAAAATCGGT ACCAGGAACTTCCTGGGCC 981 GTAACCAGGGAGCCCCCCGGACCCCCACGACCCCACGACCCCACGACCCCACGACCCCACGACCCCACGACCCCACGACCCCACGACCCCACGACCCCACGACCCCACGACCCCACGACCCCACGACCCCACGACCCCACGACCCCACGACCCCACGACCCCACGACCCCACGACCCCACGACCCCACGACCCCACGACCCCACGACCCCACGACCCCACGACCCCACGACCCCACGACCCCACGACCCCACGACCCCACGACCCCACGACCCCACGACCCCACGACCCCACGACCCCCACGACCCCACGACCCCACGACCCCCACGACCCCCACGACC	954	ATCAGAGGCCTTCCCGCCTCGTTA	TAACGAGGCGGGAAGGCCTCTGAT
957 GCGGGCATGCTCCTTAAAGGGTA 958 CCGCAATCTCCATGCGTCGACCGT 958 ACGCTAATCTCCATGCGTCGACCGT 959 TGCCGCGTAATCACCTGGAACTTG 959 TGCCGCGTAATCACCTGGAACTTG 960 TTCCAGTAGCCAGCGGTAGTGTGA 961 CTGAATTCCGCCTATTGTTCGGCA 962 GCTTGAACCTCGAGCGGTAGTGTCT 963 CAAGCGTGGAACTTC 964 GTGTGCAACCTCCAGGCGATGTTCT 965 CAAGCGTGGAACTTCCACCGCA 966 TCCCTGGGATCCAGCCCCA 966 TCCCTGGGATCCAGCCCCA 966 TCCCTGGGCTAGCATTGTTCCC 967 TCCCTGGGCTAGCATTGTTTCCC 968 TCCCTGGGCTAGCATTGCCCC 969 TCCCTGGGCTAGCATTGCCCC 960 TCCCTGGGCTAGCATTGCCGAGCTT 961 AGAACCAAAGACCGCCCA 962 GCTCACATGCAACCCCCCA 963 TGCCCTGGGCTAGCATTGCCGAGGTT AACCTCGCAATGCTAGCCCAGGGA 964 AGAACCAAAGACGCTTGTTTGCCC 965 TCCCTGGGCTAGCATTGCCGAGGTT AACCTGCAATGCTAGCCCAGGGA 966 AGAACCAAAGACGCTTCCCTCCC 967 CGTCACATGCAAACGTTCCCTCCC 968 TGACCGCATGTATTGAGTCGCT 969 GCGGGCCCAATGAGTATCCGTCAT 969 GCGGGCCCAATGAGTATCCGTCAT 970 TAGTGACTGTGAACGCCCCTGGTT AACCAGGGGAACCATCAATACACATGCGGTCA 971 GGCACCGTCTGCACCGCCCGTATATC 972 TCGATGCAGTCTTTTCCCCGTCAA 973 ACCCCGTTGGGACTTTTTCCCGTCAA 974 CTACACGCGCGCGTATTATC 975 CGCAGCGAACCATCGAACCTCCTACAATACCACTGCGCTGGGT 976 CGACCCAGCAGTTTTTCCCCGTCAA 977 ACCCCGTGGGGTTTCGCCCATTTTT AAAAATGGCGAAAACACCCCACGGGGT 976 CGACCCAGCACTCTAACAATCGGT 977 ACGCGCCGCTCATCACTACAATCT 978 CGCACCAACACTCCTACAAATCGGT 979 TCGTTTGGCACAATCCAACTCT 970 TCGTTTGGCACAATCCAACTCTCTTTTTCCCGTCAA 971 ACCCCGTTGGGCAAAACCCCCACCGGGGT 976 CGACCCAGCACTCCTAAAATCGGT 977 ACGCGCCGCTCATCACTACAATCT 978 CGCACCAACACTCCTACAATCT AGATTGATGAGTAGAGCAGCGGCGCGT 978 CGCACCAACACTCCTACAATCT AGATTGATTAGGAGTGCCTGCG 979 TCGTTTGGCCAAAACACCG 970 TCGTTTGGCAAAATCGGAACCGAACTGCAACTGCCCCAAGAACTGCCCAACGAACTGCC 970 TCGTTTGGCAAAATCGGAACCCGACCGCCGCGTTACCAACTCCCGCGGTTGGCC 977 ACGCGCCGCTCATCACTACAACTCT AGATTGACCAGGAACTGCAACTGCAACTGCCCCCAAGAACTGCCCCAAGAACTGCAACTGCCCCCAAGAACTGCCCCCAAGAACTGCAACTGCCCCCAAGAACTGCAACCCCAAGAACTGCAACCCCAAGAACTGCAACCCCAAGAACTGCAACCCCAAGAACTGCAACCCCAAGAACTGCAACCCCAAGAACTGCAACCCCAAGAACTGCAACCCCAAGAACTGCAACCCCAAGAACTGAACCCCCAAGAACTGCAACCCCAAGAACTGCAACCCCCAAGAACTTACAACCCCAAGAACCCCCAAGAACCCCCAAGACCTCCACCAACACGCCCCAACACACCCCCAACACACCCCCAACACACCCCCAACAC	955	ATTGTTGTCGTTGCCACATCGCAG	CTGCGATGTGGCAACGACAACAAT
958 CCGCAATCTCCATGCGTCGACCGT ACGGTCGACGCATGGAGATTGCGG 959 TGCCGCGTAATCACCTGGAACTTG CAAGTTCCAGGTGATTACGCGGCA 960 TTCCAGTAGCCAGCGGTAGTTGAA TCACACTACCGCTGGCTACTGGAA 961 CTGAATTCCGCCTATTGTTCGGCA TGCCGAACAATAGGCGGAATTCAG 962 GCTTGAACCTCGAGGCGATGTTCT AGAACATCGCCTCGAGGTTCAAGC 963 CAAGCGTGGAAGTACGACCCGCCA TGGCGGGTCGTACTTCCACGCTTG 964 GTGTGCACTGGATCCGAGCCCTAG CTAGGGGCTCGAGTTCCACGCTTG 965 TCCCTGGGCTAGCATTGCCAGGTT AACCTCGCATGCACACC 966 AGAACCAAAGACGCTTGTTTGCCG CGGAAACAATGCTACCCCAGGGA 966 AGAACCAAAGACGCTTGTTTGCCG CGGCAAACAAGCGTCTTTTGGTCT 967 CGTCACATGCAAACGTTCCCTCCC GGGAGGAACGTTGCATGTGACG 968 TGACCGCATGTGTATTGAGTCGCT AGCACTCAATACACATGCGGTCA 969 GCGGGCCCAATGAGTATCCGTCAT ATGACGGATACTCATTGGGCCCGC 970 TAGTGACTGTAACACGCCCCTGGTT AACCAGGGGGTTCACAGTCACTA 971 GGCACCGTTGGCACGCGCGTATATC GATATACGCGCGCAGACGGTGCC 972 TCGATGCAGTCTTTTTCCCGTCAA TTGACGGGAAAAAGACTGCACTCAC 973 ACCCCGTGGGGTTTCGCCATTTTT AAAAATGGCGAAAACACCCCACGGGT 974 CTACACGCGCAGTTGTGACTTGTG 975 CGCACCGTCGTCATCATCTGTGG 976 CGACCCACCACTCTCTCTGGAGCC GGCTCCAGAGATCACCACTGCGCGTTAG 977 ACGCGCCCCTCATCACTACAATCCT 978 CGCACCACCACTCCTAAAATCGGT ACCAAGTCACAACTGCGCGTGTAG 979 TCGTTGGGCACATCCTAAAATCGGT ACCAATTTAAGTGATGAGGCCGCGTGCG 979 CGGACCCACCACTCCTAAAATCGGT ACCAATTTAAGTGAGAGCCGCGCGTTAG 979 TCGTTGGGCACATACACAACTCAAATCT AGATTGATGAGAGCCGCGCGT 978 CGCACCTTCTCTGGGACCAGCCAGCCTTTTTTCCCGTCAA 980 CCGCTTGTAATTGCCATTCTCCGT ACGAAGTTGACAAACTGCGCGCGTTAC 981 GTAACCAGGGAATCTCCTTCCGT ACGAAGCCAACCCCACAGGAAGTTGCG 981 GTAACCAGGGAATCTCGGGCTGTG 982 AGCGCAAGATCTCGGGCTGTG 983 GCGTACATCTCTGGGGCAAGCCAG 984 CCTCTGTGGCAAAGCACAC 985 CCTATGCAATGGACCTGCAAAGCACAC 986 CCCACTGCAAAGCACAC 987 CCACCACCACACACCACACACACACACACACACACACA	956	TGAAATGTGTCTGGACGCGAGTCT	AGACTCGCGTCCAGACACATTTCA
959 TGCCGCGTAATCACCTGGAACTTG 960 TTCCAGTAGCCAGCGGTAGTGTGA 961 CTGAATTCCGCCTATTGTTCGGCA 962 GCTTGAACCTCGAGGCGGTAGTGTCT 962 GCTTGAACCTCGAGGCGGTAGTTCT 963 CAAGCGTGGAACTCCAGGGCGATGTTCT 964 GTGTGCACTGGAGCCCTAG 965 TCCCTGGGCTACCTGCAGGCCCTAG 966 AGAACCAAAGACGCTTGTTTGCCG 967 CGTCACATGCAACACTTGGTTCGAGGTTCAAGC 968 TCCCTGGGCTAGCATCCGAGCCCTAG 969 AGAACCAAAGACGCTTGTTTGCCG 960 AGAACCAAAGACGCTTGTTTGCCG 961 TGCCCAATGCTAGCACCCGCA 962 AGAACCAAAGACGCTTGTTTGCCG 963 CAAGCGTAGCATTGCGAGGTT 964 GTGTGCACTGGATCCGAGCCCTAG 965 TCCCTGGGCTAGCATTGCCGAGGTT AACCTCGCAATGCTAGCCCAGGGA 966 AGAACCAAAGACGCTTGTTTTGCCG 967 CGTCACATGCAAACGTTCCCTCCC 968 TGACCGCATGTATTGAGTCGCT 968 TGACCGCATGTATTGAGTCGCT 969 GCGGGCCCAATGAGTATTCAGTCGCT 970 TAGTGACTGTGAACGCCCCTGGTT AACCAGGGGCGTTCACAGTCACTA 971 GGCACCGTCTGCCGCGCGTATATC 972 TCGATGCAGTCTTTTTCCCGTCAA 973 ACCCCGTGGGGTTCGCCACGTTTTT AAAAATGGCGAAACACCCCACGGGT 974 CTACACGCGCAGTTTTTGACTTGTG 975 CGCAGCGACTCTTTTTCCCGTCAA 976 CGACCCAGCACTCCTAAAATCGGT 977 ACCCCGTGGGGTTGGACTTGTG 976 CGACCCAGCACTCCTAAAATCGGT 977 ACCGCCCGCTCATCACTACAATCT 977 ACCGCCCGCTCATCACTACAAATCT 978 CGCAACCAACGACTCCTAAAATCGGT 979 TCGTTGGGCACATCACTACAAATCT AGATTTAGGACTGCCCACGGAACTGCG 979 TCGTTGGGCACAACACCACACAACCCACGGGCCGT 979 TCGTTGGGCACATCACAACTCACAATCT AGATTTAGGACTGCCCAACGA 980 CCCGCTTGTAATTGCCATTCCCGT ACGGAGAATTGCCAACGGAACTGCG 981 GTAACCAGGGAGCTCCTGAAAACCCA 982 AGCCCAAGATCTCGGGCTTGC 983 GCGTACATCTGCGGCTTGC 984 CCTCTGTGGCAGGAAAACCCCTACGGAACCCCACGAGACCCCACGAGACCCCACGAGACCCCACGAGACCCCACGAACCCCACGAGACCCCACGAACCCCACGAACCCCACGAGACCCCACGAACCCCACGAACCCCACGAACCCCACGAACCCCACGAACCCCACGAACCCCACGAACCCCACGAACCCCACGAACCCCACGAACCCCACGAACCCCACGAACCCCACGAACCCCACGAACCCCACGAACCCCACGAACCCCACGAACCCCACGAACCCCACGAACCCCACGAACCCCACGAACCCACCA	957	GCGGGCGATGCTCCTTAAAGGGTA	TACCCTTTAAGGAGCATCGCCCGC
960 TTCCAGTAGCCAGCGGTAGTGTGA 961 CTGAATTCCGCCTATTGTTCGGCA 962 GCTTGAACCTCGAGGCGATGTTCT AGAACATCGCCTCGAGGTTCAAGC 963 CAAGCGTGGAAGTACGACCCGCCA 964 GTGTGCACTGGATCCGAGCCCTAG 965 TCCCTGGGCTAGCATTGCGAGGCCTAG 966 AGAACCAAAGACGCTTGTTTGCCG 967 CGTCACATGCAAACGGTTCCTCCC 968 TGACCGCAAAGACGCTTGTTTGCCG 968 TGACCGCAAGCATGCTAGCTTTGCCG 969 GCGGGCCCAATGCATGCGAGCCTAC 969 TGACCGCATGTATTGAGTCCCT 960 GCGGGCCCAATGATTGCAGGTT 961 AGACCGAAGGACGTTGTTTCCCC 962 AGAACCAAAGACGTTCCTCCC 963 GCGGGCCCAATGATTTGAGTCGCT 964 AGAACCAAAGACGTTCCTCCC 965 AGAACCAAAGACGTTCCTCCC 966 AGAACCAAAGACGTTCCTCCC 967 CGTCACATGCAAACGTTCCCTCCC 968 TGACCGCATGTATTGAGTCGCT 969 GCGGGCCCAATGACTATTGAGTCGCT 970 AGTGACTGTAAACGCCCCTGGTT AACCAGGGGCGTTACACTACTACTA 971 GCCACCGTCTGCCGCGCGTATATC 972 TCGATGCAGTCTTTTTCCCCTCAA 973 ACCCCGTGGGGTTTCGCCATTTTT AAAAATGCGCGAAACCCCCCAGGGT 974 CTACACGCGCAGTTTGTACTTTTTC 975 CGCAGCGACCTCCTAAAATCGGT 976 CGACCCAGCACTCCTAAAATCGGT 977 ACGCGCCGCTCATCACTACAATCT 978 CGCACCTACTCTCTGGAGCC 979 TCGTTGGGCAAAGCCAG 980 CCGCTTGTAATTGCCATTCTCCGT 978 CGCACCTACTCTCTACAAACCAG 979 TCGTTGGGCAAAGCCAG 980 CCGCTTGTAATTGCCATTCTCCGT 981 GTAACCAGGGACTCCTAAAATCGGT ACGGACTTATTTTCCCGT ACGGACGACTCCTACAAATCT 982 AGCGCAACTCCTGGGCAACTCA 983 GCGAACTTCCTGGGGCAACTCA 984 CCTCTGTGGCAAAGCCAC 985 CCTATGCAAGAACCCCCCAGAACTTTCCTGCACAGGA 986 CCCCCTTGTAATTGCCATTCACTACCAACCACACCCCCAACGAACTCCCTACAACCACACCCAACGAACCCCACACGAACCCCAACGAACCCCAACGAACCCCAACGAACCCCAACGAACCCCAACGAACCCCAACGAACCCCAACGAACCCCAACGAACCCCAACGAACCCCAACGAACCCAACCCAACCAACCCAACCAACCAACCCAACCAACCCAACCAACCCAACCAACCCAACCAACCAACCCAACCAACCAACCAACCAACCAACCAACCAACCAACCAACCAACCAACCAACCAACCAACCAACCAACCAACCAACCAACCAACCAACCAACCAACAACCAACCAACAACCAACCAACAACCAACAACCAACAACCAACAACCAACAACCAACAACAACCAACAACCAACAACCAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAACAA	958	CCGCAATCTCCATGCGTCGACCGT	ACGGTCGACGCATGGAGATTGCGG
961 CTGAATTCCGCCTATTGTTCGGCA 962 GCTTGAACCTCGAGGCGATGTTCT 963 CAAGCGTGGAAGTACGACCCGCCA 964 GTGTGCACTGGATCCGAGCCCTAG 965 TCCCTGGGCTAGCATTGCGAGGCCTAG 966 AGAACCAAGAGCCTGGATCCCAGGCTTT 967 CGTCACATGCAACGCTTCCCCC 968 TGACCGCATGCATTGCGAGGTT 969 GCGGGCCCAACGATGCTTTGCCG 960 AGAACCAAAGACGCTTGTTTGCCG 961 CGTCACATGCAAACGTTCCCTCCC 962 GGGAGGAACGTTTGCATGGAGGT 963 CACCGCATGTGTATTGAGTCGCT 964 AGAACCAAAGACGCTTGTTTGCCG 965 TCCCTGGGCTAGCATTGCGAGGTT 966 AGAACCAAAGACGCTTGTTTGCCG 967 CGTCACATGCAAACGTTCCCTCCC 968 TGACCGCATGTGTATTGAGTCGCT 969 GCGGGCCCAATGAGTATCCGTCAT 970 TAGTGACTGTGAACGCCCCTGGTT 971 ACCCGGGGCCCAATGAGTATCCGTCAT 971 GGCACCGTTGCCGCGCGCGTATATC 972 TCGATGCAGTCTTTTTCCCGTCAA 973 ACCCGTGGGGTTTGCACATTTTT 974 CTACACGCGCAGTTTGTACCATTTTT 975 CGCAGCGACTCCTACAATTCGTCAA 976 CGACCCAGCACTCCTAAAATCGGT 977 ACGCGCCGCTCATCACTACAACTC 978 CGCAACCTTCCTGTGAGCC 979 TCGTTGGGCACATTCCCTCAAATTCAGAGTAGGTCGCGGTGCG 970 TCGTTGGGCACATCCTAAAATCGGT 971 ACGCGCCGCTCATCACAACCCACGGGTTAACCACACTGCGGGTCG 972 TCGTTGGGCACACTCCTAAAATCGGT 973 ACCCCGTGGGGTTGCCAAATCCGT 974 ACGCGCCGCTCATCACAACCCACGGCGTTAACCCCACACGAGGTCGCCGGCGTAAAACCCCACGGGGTCCCGCGGTTAGC 976 CGACCCAGCACTCCTAAAATCCGGT 977 ACGCGCCGCTCATCACAACCCAACCCACACCACACACACCCACGGAAGTTGCGC 978 CGCAACTTCCTGTGGCAAAGCCAAC 979 TCGTTGGGCACAATAAGGCAACTGA 980 CCGCTTGTAATTGCCATTCTCCGT 981 GTAACCAGGGAGTCCTGGGCTGTG 982 AGCGCAACATCTCGGGCTGTG 983 GCGTACATCTGGGGGCAGTCAC 984 CCTCTGTGGCAGAAAACCGT 985 CCTATGCAATGACCACCGACCGACCCACCACACGAAGAACCCCACGAAGTTACCACGG 986 CCCCTGTGGCAGAAAAACCGT 987 CCCCAGGACTCCTACCAACCCACCACCACCACACCACAC	959	TGCCGCGTAATCACCTGGAACTTG	CAAGTTCCAGGTGATTACGCGGCA
962 GCTTGAACCTCGAGGCGATGTTCT AGAACATCGCCTCGAGGTTCAAGC 963 CAAGCGTGGAAGTACGACCCGCCA TGGCGGGTCGTACTTCCACGCTTG 964 GTGTGCACTGGATCCGAGCCCTAG CTAGGGGTCGATCCTAGTCACAC 965 TCCCTGGGCTAGCATTGCGAGGTT AACCTCGCAATGCTAGCCCAGGGA 966 AGAACCAAAGACGCTTGTTTGCCG CGCAAACAAGCGTCTTTGGTTCT 967 CGTCACATGCAAACGTTCCCTCCC GGGAGGGAACGTTTGCATGTGACG 968 TGACCGCATGTGATTGAGTCGCT AGCGACTCAATACACATGCGGTCA 969 GCGGGCCCAATGAGTATCCGTCAT ATGACGGATACTCATTGGGCCCGC 970 TAGTGACTGTGAACGCCCCTGGTT AACCAGGGGCGTTCACAGTCACTA 971 GGCACCGTCTGCCGCGCGTATATC GATATACGCGCGGCAGACGGTGCC 972 TCGATGCAGTCTTTTTCCCGTCAA TTGACGGGAAAAAAGACTGCATCGA 973 ACCCCGTGGGGTTTCGCCATTTTT AAAAATGGCGAAAACCCCACGGGGT 974 CTACACGCGCAGTTGTGACTTGTG CACAAGTCACAACTGCGCGTGAG 975 CGCAGCGACCTCATCTCTGGAGCC GGCTCCAGAGATGAGGTCGCTGCG 976 CGACCCAGCACTCCTAAAATCGGT ACCGATTTTAGGAGTGCTGCGCG 977 ACGCGCCGCTCATCACATCT AGATTGTAGTGATGAGGTCGCTGCG 978 CGCAACTTCCTGTGGCAAAGCCAG CTGGCTTTAGCAGGGCGCGCGT 978 CGCAACTTCCTGTGGCAAAGCCAG CTGGCTTTTTCCCGT 979 TCGTTGGGCACAAAGCCAG CTGGCTTTTTCCCGT 980 CCGCTTGTAATTGCCATTCTCCGT ACGGAGAATGGAGTGCCCCAACGA 980 CCGCTTGTAATTGCCATTCTCCGT ACGGAGAATGGCAATTACAACCGG 981 GTAACCAGGGAGTCCTGGGCTGTG CACAGCCCAGGAACTCCCTAACGA 982 AGCGCAAGATCTGGGGCCAGTCAC 983 GCGTACATCTGCGGAGCCCCCCAGACTTTCCCGT 984 CCTCTGTGGCAAGAAAACCGT ACGGTTCTTTCCCCCACAGAGGGGCCCT 985 CCTATGCAATGGACAACCGA TCCGATGTTTCCCCCACAGAGGGGCCCCCACAGAGTTTCCCCCCACAGAGCCCCCACAGACTCTTCCCGT 985 CCTATGCAATGGACAGAAAACCGT ACGGTTTCTTTCCCCCACAGAGGGGGCCCT 986 CCCCCTGGGAAAGAAACCGT ACGGTTCTTTTCCCCCACAGAGGGGGCAAGAACCCCACAGAGAGAAACCGC CCAGGACTCCCTGGGTTAC 987 CCCCCCAGAGATCTGCCCCCAGAACTTCTCCCCCACAGAGACGCCCCAGAACTTTCCCCCCACAGACCCCAGGACTCCCTGGGTTAC 987 CCCCCCAGAGATCTGCGCCCCAGAACTTCCCCCACAGAGACGCCCCAGGACTCCCTGGGTTAC 987 CCCCCCAGAGATCTGCGCCCCCAGACTTCTCCCCCCACAGACGCCCCAGGACTCCCTGGGTTAC 987 CCCCCCAGACCTCATCACACACCGAACCCCCACGAGACTCCCCCACAGAGGGAAAAAAAGAAAACCGT ACGGTTTCTTTTCCTGCCACAGAGG 986 CCCCGCTGGATGGCCAATAAAGGATAAAGGATAAAGGATAAAGGATAAAGGATAAAGGATAAAGGATAAAGGATAAAGGATAAAGGATAAAGGATAAAGGATAAAGGATAAAGGATAAAGGATAAAGGATAAAGGATAAAGGATAAAGGATAAAGGATAAAGGATAAAGGATAAAGGATAA	960	TTCCAGTAGCCAGCGGTAGTGTGA	TCACACTACCGCTGGCTACTGGAA
963 CAAGCGTGGAAGTACGACCCGCCA TGGCGGGTCGTACTTCACGCTTG 964 GTGTGCACTGGATCCGAGCCCTAG CTAGGGCTCGGATCCAGTGCACAC 965 TCCCTGGGCTAGCATTGCGAGGTT AACCTCGCAATGCTAGCCCAGGA 966 AGAACCAAAGACGCTTGTTTGCCG CGGCAAACAAGCGTCTTTGGTTCT 967 CGTCACATGCAAACGTTCCCTCC GGGAGGGAACGTTTGCATGTACG 968 TGACCGCATGTGTATTGAGTCGCT AGCGACTCAATACACATGCGGTCA 969 GCGGGCCCAATGAGTATCCGTCAT ATGACGGATACTCATTGGGCCCGC 970 TAGTGACTGTGAACGCCCCTGGTT AACCAGGGGCGTTCACAGTCACTA 971 GGCACCGTCTGCAGCGCGCGTATATC GATATACGCGCGGCAGACGGTGCC 972 TCGATGCAGTCTTTTTCCCGTCAA TTGACGGCAAACACCCCACGGGT 973 ACCCCGTGGGGTTTCGCCATTTTT AAAAATGGCGAAACCCCACGGGT 974 CTACACGCGCAGTTGTGACTTGTG CACAAGTCACAACTGCGCTGCG	961	CTGAATTCCGCCTATTGTTCGGCA	TGCCGAACAATAGGCGGAATTCAG
964 GTGTGCACTGGATCCGAGCCCTAG CTAGGGCTCGGATCCAGTGCACAC 965 TCCCTGGGCTAGCATTGCGAGGTT AACCTCGCAATGCTAGCCCAGGGA 966 AGAACCAAAGACGCTTGTTTGCCG CGGCAAACAAGCGTCTTTGGTTCT 967 CGTCACATGCAAACGTTCCCTCCC GGGAGGGAACGTTTGCATGTGACG 968 TGACCGCATGTATTGAGTCGCT AGCGACTCAATACACATGCGGTCA 969 GCGGCCCAATGAGTATCCGTCAT ATGACGGATACTCATTGGGCCCGC 970 TAGTGACTGTGAACGCCCCTGGTT AACCAGGGGCGTTCACAGTCACTA 971 GGCACCGTCTGCCGCGCGTATATC GATATACGCGGCGAACACGTGCC 972 TCGATGCAGTCTTTTTCCCGTCAA TTGACGGGAAAAAGACTGCATCGA 973 ACCCCGTGGGGTTTCGCCATTTTT AAAAATGGCGAAACCCCACGGGGT 974 CTACACGCGCAGTTGTACTTGTG CACAAGTCACAACTGCGGTGAG 975 CGCAGCGACCTCATCTCTGGAGCC GGCTCCAGAGATGAGGTCGCTGCG 976 CGACCCAGCACTCCTAAAATCGGT ACCGATTTAAGAGTGCTGCGG 977 ACGCGCCGCTCATCACTACAATCT AGATTGTAGTGAGTGAGCGCGCGT 978 CGCAACTTCCTGTGGCAAAGCCAG CTGGCTTTGCCACAAGAGTAGAGT	962	GCTTGAACCTCGAGGCGATGTTCT	AGAACATCGCCTCGAGGTTCAAGC
965 TCCCTGGGCTAGCATTGCGAGGTT 966 AGAACCAAAGACGCTTGTTTGCCG 967 CGTCACATGCAAAGCGCTTGTTTGCCG 968 TGACCGCATGCAAACGTTCCCTCCC GGGAGGGAACGTTTGCATGTACG 969 GCGGGCCCAATGAATTGAGTCGCT 970 TAGTGACTGTAATCCGTCAT 971 GGCACCGTCTGCCGCGCGCTATATC 972 TCGATGCAGTCTTTTCCCGTCA 973 ACCCCGTGGGGTTCCCCTCA 974 CTACACGCCAGTTTTCCGTCAT 975 CGCAGCGAATCTCTGTGACCCCCTGGTT 976 CGACCCACTCATTTTCCCGTCA 977 ACCCCGTGGGGTTTCGCCATTTTT 976 CGACCCACTCTTTTCCCGTCA 977 CTACACGCCCATTTTT 977 ACCCCGTGGGGTTTCGCCATTTTT 978 CGCACCGCCCATTTTT 979 CGACCCACCCTCTAAAATCGGT 970 ACCCCGTGGGCCCCATCTCTCGAGCC 971 ACCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	963	CAAGCGTGGAAGTACGACCCGCCA	TGGCGGGTCGTACTTCCACGCTTG
966 AGAACCAAAGACGCTTGTTTGCCG CGGCAAACAAGCGTCTTTGGTTCT 967 CGTCACATGCAAACGTTCCCTCCC GGGAGGGAACGTTTGCATGTGACG 968 TGACCGCATGTGTATTGAGTCGCT AGCGACTCAATACACATGCGGTCA 969 GCGGGCCCAATGAGTATCCGTCAT ATGACGGATACTCATTGGGCCCGC 970 TAGTGACTGTGAACGCCCCTGGTT AACCAGGGGCGTTCACAGTCACTA 971 GGCACCGTCTGCCGCGCGTATATC GATATACGCGCGGCAGACCGTGCC 972 TCGATGCAGTCTTTTTCCCGTCAA TTGACGGGAAAACCCCACGGGGT 973 ACCCCGTGGGGTTTCGCCATTTTT AAAAATGGCGAAACCCCACGGGGT 974 CTACACGCGCAGTTGTGACTTGTG CACAAGTCACAACTGCGCTGTAG 975 CGCAGCGACCTCATCTCTGGAGCC GGCTCCAGAGATGAGGTCGCTGCG 976 CGACCCAGCACTCCTAAAATCGGT ACCGATTTTAGGAGTGCTGCGCG 977 ACGCGCCGCTCATCACTACAATCT AGATTGTAGTGATGAGCGGCGCT 978 CGCAACTTCCTGTGGCAAAGCCAG CTGGCTTTTGCCACAGGAAGTTGCG 979 TCGTTGGGCACATAAGGCAACTGA TCAGTTGCCACAGGAAGTTGCG 980 CCGCTTGTAATTGCCATTCTCCGT ACGGAGAATGGCAATTACAAGCGG 981 GTAACCAGGGAGTCCTGGGCTGTG CACAGCCCAGGAATTACAAGCGG 982 AGCGCAAGATCTGGGGCAGTCAC GTGACTGCCCCCCAGATCTTGCGCT 983 GCGTACATCTGCGGGCAGTCAC GTGACTGCCCCCCAGATCTTGCGCT 984 CCTCTGTGGCAGAAAACACCGT ACGGTTTTCTCCTCGCACAGAGGGCAGTTACCAGCC 985 CCTATGCAATGGACCTGCATCAGGATAAGGCAACTTCTCCCCCCCAGAGATCTTCCCCCCACAGAGGG 986 CTCCGGTGGATGGCCGAATAAGGATA TATCCTTATTCCCCATCACAAGGG 986 CTCCGGTGGATGGCCGAATAAGGATA TATCCTTATTCCCCATCACAAGGG 986 CTCCGGTGGATGGCCGAATAAGGATA TATCCTTATTCCCCATCACCAGAGGG 986 CTCCGGTGGATGACCCGCAATCAAGGATAAAGGATA TATCCTTATTCCCCATCACCAGAGGG 986 CTCCGGTGGATGACCTGCATCACAATCAATCAATCAAGCAGATTAAAGGATA TATCCTTATTTCCCCATCACCACAGAGG 986 CTCCGGTGGATGACCCGCAATAAAGGATA TATCCTTATTTCCCCATCACCACAGAGG 986 CTCCGGTGGATGACCAATAAAGGATA TATCCTTATTTCCCCATCACCACAGAGG 986 CTCCGGTGGATGACCAATAAAGGATA TATCCTTATTTCCCCATCACCACCAGAGGGATGACACCAAAAGAAAACCGT ACGATTCTTCCCACCACAACAATCCACCAACAAAAAAAAA	964	GTGTGCACTGGATCCGAGCCCTAG	CTAGGGCTCGGATCCAGTGCACAC
967 CGTCACATGCAAACGTTCCCTCCC GGGAGGAACGTTTGCATGTGACG 968 TGACCGCATGTGTATTGAGTCGCT AGCGACTCAATACACATGCGGTCA 969 GCGGGCCCAATGAGTATCCGTCAT ATGACGGATACTCATTGGGCCCGC 970 TAGTGACTGTGAACGCCCCTGGTT AACCAGGGGCGTTCACAGTCACTA 971 GGCACCGTCTGCCGCGCGTATATC GATATACGCGCGGCAGACGGTGCC 972 TCGATGCAGTCTTTTTCCCGTCAA TTGACGGGAAAACACCCCACGGGGT 974 CTACACGCGCAGTTGTGACTTGTG CACAAGTCACAACTGCGCTGTAG 975 CGCAGCGACCTCATCTCTGGAGCC GGCTCCAGAGATGAGGTCGCTGCG 976 CGACCCAGCACTCCTAAAATCGGT ACCGATTTTAGGAGTGCTGCGG 977 ACGCGCCGCTCATCACAACTCT AGATTGTAGTGACTGGGCGGT 978 CGCAACTTCCTGTGGCAAAGCCAG CTGGCTTTGCCACAGGAAGTTGCG 979 TCGTTGGGCAAAGCCAG CTGGCTTTGCCACAAGAGTGCGCGGT 979 TCGTTGGGCAAAGCCAG CTGGCTTTGCCACAAGAG 980 CCGCTTGTAATTGCCATTCTCCGT ACGGAGAATGGCAATTACAAGCGG 981 GTAACCAGGGAGTCCTGGGCTGTG CACAGCCCAGGACTCCCTGGTTAC 982 AGCGCAAGATCTGGGGCAGTCAC GTGACTGCCCCCAGATCTTCCGCT 983 GCGTACATCTGCGCAGCACTCACACGA 984 CCTCTGTGGCAGAAGAAACCGT ACGGTTTTCCTGCACAGAGG 985 CCTATGCAATGGAAAACCGT ACGGTTCTTTCCTGCACAGAGG 986 CTCGGTGGATGGCGAATAAGGATA TATCCTTTTCCTGCACAGAGG 987 CCTATGCAATGGAAAAACCGT ACGGTTTTCCTTCCACCACAGAGG 987 CCTATGCAAGAAAAAACCGT ACGGTTTCTTTCCTGCCACAGAGG 987 CCTATGCAATGGACACACAGAAAACCGT ACGGTTTCTTTCCTGCCACAGAGG 988 CCTCTGTGGCAGGAAAAAAACCGT ACGGTTTTTTCCTGCCACAGAGG 988 CCTATGCAATGGACCTGCACTCACAAAAACCGT ACGGTTTCTTTCCTGCCACAGAGG 988 CCTATGCAATGGACCTGCAATAAGGATA TATCCTTATTCCCCACCAGAGG 988 CCTCGGTGGATGGCGAAATAAGGATA TATCCTTATTCCCCATCCACCGAG	965	TCCCTGGGCTAGCATTGCGAGGTT	AACCTCGCAATGCTAGCCCAGGGA
968 TGACCGCATGTGTATTGAGTCGCT AGCGACTCAATACACATGCGGTCA 969 GCGGGCCCAATGAGTATCCGTCAT ATGACGGATACTCATTGGGCCCGC 970 TAGTGACTGTGAACGCCCCTGGTT AACCAGGGGCGTTCACAGTCACTA 971 GGCACCGTCTGCCGCGCGCTATATC GATATACGCGCGGCAGACGGTGCC 972 TCGATGCAGTCTTTTTCCCGTCAA TTGACGGGAAAAAGACTGCATCGA 973 ACCCCGTGGGGTTTCGCCATTTTT AAAAATGGCGAAACCCCACGGGGT 974 CTACACGCGCAGTTGTGACTTGTG CACAAGTCACAACTGCGCTGTAG 975 CGCAGCGACCTCCTAAAATCGGT ACCGATTTTAGGAGTGCTGCG 976 CGACCCAGCACTCCTAAAATCGGT ACCGATTTTAGGAGTGCTGCG 977 ACGCGCCGCTCATCACTACAATCT AGATTGTAGTGATGAGCGGCGCGT 978 CGCAACTTCCTGTGGCAAAGCCAG CTGGCTTTGCCACAGGAAGTTGCG 979 TCGTTGGGCACATAAGGCAACTGA TCAGTTGCCTTATGTGCCCAACGA 980 CCGCTTGTAATTGCCATTCTCCGT ACGGAGAATGGCAATTACAAGCGG 981 GTAACCAGGGAGTCCTGGGCTGTG CACAGCCCAGGACTCCCTGGTTAC 982 AGCGCAAGATCTGGGGGCAGTCAC GTGACTGCCCCCAGATCTTGCGCT 983 GCGTACATCTGCTCATCAGCATGG CCATGCTGATGAGCAGATGTACGC 984 CCTCTGTGGCAGAAGAACCGT ACGGTTTCTCTTCCCCCCCAGATCTTGCGCT 985 CCTATGCAATGGACAGAACCGT ACGGTTTCTTCCTCCCCCCAGATCTTCCGCT 986 CTCGGTGGAAGAACCAG TCCGATGCAGAGGG 987 CCTATGCAATGGACAGAACCGT ACGGTTTCTTCCTCCACAGAGG 988 CCTCTGTGGCAGAAAGAAACCGT ACGGTTTCTTTCCTGCCACAGAGG 989 CCTCTGTGGCAGAAAGAAACCGT ACGGTTTCTTTCCTGCCACAGAGG 980 CCTCTGTGGCAGAAAGAAACCGT ACGGTTTCTTTCCTGCCACAGAGG	966	AGAACCAAAGACGCTTGTTTGCCG	CGGCAAACAAGCGTCTTTGGTTCT
969 GCGGGCCAATGAGTATCCGTCAT ATGACGGATACTCATTGGGCCCGC 970 TAGTGACTGTGAACGCCCCTGGTT AACCAGGGGCGTTCACAGTCACTA 971 GGCACCGTCTGCCGCGCGTATATC GATATACGCGCGCGCAGACGGTGCC 972 TCGATGCAGTCTTTTTCCCGTCAA TTGACGGGAAAAAGACTGCATCGA 973 ACCCCGTGGGGTTTCGCCATTTTT AAAAATGGCGAAACCCCACGGGGT 974 CTACACGCGCAGTTGTGACTTGTG CACAAGTCACAACTGCGCGTGTAG 975 CGCAGCGACCTCATCTCTGGAGCC GGCTCCAGAGATGAGGTCGCTGCG 976 CGACCCAGCACTCCTAAAATCGGT ACCGATTTTAGGAGTGCTGGGTCG 977 ACGCGCCGCTCATCACTACAATCT AGATTGTAGTGATGAGCGGCGGT 978 CGCAACTTCCTGTGGCAAAGCCAG CTGGCTTTGCCACAGGAAGTTGCG 979 TCGTTGGGCACATAAGGCAACTGA TCAGTTGCCTTATGTGCCCAACGA 980 CCGCTTGTAATTGCCATTCTCCGT ACGGAGAATGGCAATTACAAGCGG 981 GTAACCAGGGAGTCCTGGGCTGTG CACAGCCCAGGACTCCCTGGTTAC 982 AGCGCAAGATCTGGGGGCAGTCAC GTGACTGCCCCCAGATCTTGCGCT 983 GCGTACATCTGCTCATCAGCATGG CCATGCTGATGAGCAGATGTACGC 984 CCTCTGTGGCAGGAAAGAACCGT ACGGTTTCTTCCTTCCGCCACAGAGG 985 CCTATGCAATGGACCTGCATCAGATAAGGATAATCCAAGGGG 986 CTCGGTGGATGACCGGAATAAGGATAATCCACCGAGAACCCCTTCCCCCACAGAGCCCCAGACTCTTCCCGT ACGGTTCTTTCCTTCCCTCACAGAGGAAACCCGT ACGGTTTCTTCCTTCCCCACAGAGG 986 CTCGGTGGATGACCGGAATAAGGATA TATCCTTATTCCCCATCCACCGAG	967	CGTCACATGCAAACGTTCCCTCCC	GGGAGGGAACGTTTGCATGTGACG
970 TAGTGACTGTGAACGCCCCTGGTT AACCAGGGGCGTTCACAGTCACTA 971 GGCACCGTCTGCCGCGCGTATATC GATATACGCGCGCAGACGGTGCC 972 TCGATGCAGTCTTTTTCCCGTCAA TTGACGGGAAAAAGACTGCATCGA 973 ACCCCGTGGGGTTTCGCCATTTTT AAAAATGGCGAAACCCCACGGGGT 974 CTACACGCGCAGTTGTGACTTGTG CACAAGTCACAACTGCGCGTGTAG 975 CGCAGCGACCTCATCTCTGGAGCC GGCTCCAGAGATGAGGTCGCTGCG 976 CGACCCAGCACTCCTAAAATCGGT ACCGATTTTAGGAGTGCTGGGTCG 977 ACGCGCCGCTCATCACAATCT AGATTGTAGTGATGAGCGGCGCGT 978 CGCAACTTCCTGTGGCAAAGCCAG CTGGCTTTGCCACAGGAAGTTGCG 979 TCGTTGGGCACATGACACTGA TCAGTTGCCTTATGTGCCCAACGA 980 CCGCTTGTAATTGCCATTCTCCGT ACGGAGAATGGCAATTACAAGCGG 981 GTAACCAGGGAGTCCTGGGCTGTG CACAGCCCAGGACTCCCTGGTTAC 982 AGCGCAAGATCTGGGGGCAGTCAC GTGACTGCCCCCCAGATCTTGCGCT 983 GCGTACATCTGCTCATCAGCATGG CCATGCTGATGAGCAGATGTACGC 984 CCTCTGTGGCAGGAAAGAACCGT ACGGTTTCTTTCCTGCCACAGAGG 985 CCTATGCAATGGACCTGCATCGGA TCCGATGCAGCGCAGACTCCACCGAG 986 CTCGGTGGATGGCGAATAAGGATA TATCCTTATTCCCATCACCGAG	968	TGACCGCATGTGTATTGAGTCGCT	AGCGACTCAATACACATGCGGTCA
971 GGCACCGTCTGCCGCGCGTATATC GATATACGCGCGGCAGACGGTGCC 972 TCGATGCAGTCTTTTTCCCGTCAA TTGACGGGAAAAAGACTGCATCGA 973 ACCCCGTGGGGTTTCGCCATTTTT AAAAATGGCGAAACCCCACGGGGT 974 CTACACGCGCAGTTGTGACTTGTG CACAAGTCACAACTGCGCGTGTAG 975 CGCAGCGACCTCATCTCTGGAGCC GGCTCCAGAGATGAGGTCGCTGCG 976 CGACCCAGCACTCCTAAAATCGGT ACCGATTTTAGGAGTGCTGCGG 977 ACGCGCCGCTCATCACTACAATCT AGATTGTAGTGATGAGCGGCGCT 978 CGCAACTTCCTGTGGCAAAGCCAG CTGGCTTTGCCACAGGAAGTTGCG 979 TCGTTGGGCACACTAAGGCAACTGA TCAGTTGCCTTATGTGCCCAACGA 980 CCGCTTGTAATTGCCATTCTCCGT ACGGAGAATGGCAATTACAAGCGG 981 GTAACCAGGGAGTCCTGGGCTGTG CACAGCCCAGGACTCCCTGGTTAC 982 AGCGCAAGATCTGGGGGCAGTCAC GTGACTGCCCCCAGATCTTGCGCT 983 GCGTACATCTGCTCATCAGCATGG CCATGCTGATGAGCAGATGTACGC 984 CCTCTGTGGCAGGAAAAACCGT ACGGTTTCTTTCCTGCCACAGAGG 985 CCTATGCAATGGACCTGCATCGGA TCCGATGCAGTCCATTGCATAGG 986 CTCGGTGGATGGCGAATAAGGATA TATCCTTATTCGCCATCACCGAG	969	GCGGGCCCAATGAGTATCCGTCAT	ATGACGGATACTCATTGGGCCCGC
972 TCGATGCAGTCTTTTTCCCGTCAA TTGACGGGAAAAAGACTGCATCGA 973 ACCCCGTGGGGTTTCGCCATTTTT AAAAATGGCGAAACCCCACGGGGT 974 CTACACGCGCAGTTGTGACTTGTG CACAAGTCACAACTGCGCGTGTAG 975 CGCAGCGACCTCATCTCTGGAGCC GGCTCCAGAGATGAGGTCGCTGCG 976 CGACCCAGCACTCCTAAAATCGGT ACCGATTTTAGGAGTGCTGGGTCG 977 ACGCGCCGCTCATCACTACAATCT AGATTGTAGTGATGAGCGGCGCGT 978 CGCAACTTCCTGTGGCAAAGCCAG CTGGCTTTGCCACAGGAAGTTGCG 979 TCGTTGGGCACATAAGGCAACTGA TCAGTTGCCTTATGTGCCCAACGA 980 CCGCTTGTAATTGCCATTCTCCGT ACGGAGAATTGCGCAATTACAAGCGG 981 GTAACCAGGGAGTCCTGGGCTGTG CACAGCCCAGGACTCCCTGGTTAC 982 AGCGCAAGATCTGGGGGCAGTCAC GTGACTGCCCCCAGATCTTGCGCT 983 GCGTACATCTGCTCATCAGCATGG CCATGCTGATGAGCAGATGTACGC 984 CCTCTGTGGCAGGAAAGAAACCGT ACGGTTTCTTTCCTGCCACAGAGG 985 CCTATGCAATGGACCTGCATCAGGA TCCGATGCAGTGCCATCACCAGAGG 986 CTCGGTGGATGGCGAATAAGGATA TATCCTTATTCGCCATCACCGAG	970	TAGTGACTGTGAACGCCCCTGGTT	AACCAGGGGCGTTCACAGTCACTA
973 ACCCCGTGGGGTTTCGCCATTTTT AAAAATGGCGAAACCCCACGGGGT 974 CTACACGCGCAGTTGTGACTTGTG CACAAGTCACAACTGCGCGTGTAG 975 CGCAGCGACCTCATCTCTGGAGCC GGCTCCAGAGATGAGGTCGCTGCG 976 CGACCCAGCACTCCTAAAATCGGT ACCGATTTTAGGAGTGCTGGGTCG 977 ACGCGCCGCTCATCACTACAATCT AGATTGTAGTGATGAGCGGCGCGT 978 CGCAACTTCCTGTGGCAAAGCCAG CTGGCTTTGCCACAGGAAGTTGCG 979 TCGTTGGGCACATAAGGCAACTGA TCAGTTGCCTTATGTGCCCAACGA 980 CCGCTTGTAATTGCCATTCTCCGT ACGAGAATGGCAATTACAAGCGG 981 GTAACCAGGGAGTCCTGGGCTGTG CACAGCCCAGGACTCCCTGGTTAC 982 AGCGCAAGATCTGGGGGCAGTCAC GTGACTGCCCCCAGATCTTGCGCT 983 GCGTACATCTGCTCATCAGCATGG CCATGCTGATGAGCAGATGTACGC 984 CCTCTGTGGCAGGAAAGAAACCGT ACGGTTTCTTTCCTGCCACAGAGG 985 CCTATGCAATGGACCTGCATCGGA TCCGATGCAGCAGGG 986 CTCGGTGGATGGCGAATAAGGATA TATCCTTATTCGCCATCACCGAG	971	GGCACCGTCTGCCGCGCGTATATC	GATATACGCGCGGCAGACGGTGCC
974 CTACACGCGCAGTTGTGACTTGTG CACAAGTCACAACTGCGCGTGTAG 975 CGCAGCGACCTCATCTCTGGAGCC GGCTCCAGAGATGAGGTCGCTGCG 976 CGACCCAGCACTCCTAAAATCGGT ACCGATTTTAGGAGTGCTGGGTCG 977 ACGCGCCGCTCATCACTACAATCT AGATTGTAGTGATGAGCGGCGCGT 978 CGCAACTTCCTGTGGCAAAGCCAG CTGGCTTTGCCACAGGAAGTTGCG 979 TCGTTGGGCACATAAGGCAACTGA TCAGTTGCCTTATGTGCCCACACGA 980 CCGCTTGTAATTGCCATTCTCCGT ACGGAGAATGGCAATTACAAGCGG 981 GTAACCAGGGAGTCCTGGGCTGTG CACAGCCCAGGACTCCCTGGTTAC 982 AGCGCAAGATCTGGGGGCAGTCAC GTGACTGCCCCCAGATCTTGCGCT 983 GCGTACATCTGCTCATCAGCATGG CCATGCTGATGAGCAGATGTACGC 984 CCTCTGTGGCAGGAAAGAAACCGT ACGGTTTCTTTCCTGCCACAGAGG 985 CCTATGCAATGGACCTGCATCGGA TCCGATGCACCACGAG	972	TCGATGCAGTCTTTTTCCCGTCAA	TTGACGGGAAAAAGACTGCATCGA
975 CGCAGCGACCTCATCTCTGGAGCC GGCTCCAGAGATGAGGTCGCTGCG 976 CGACCCAGCACTCCTAAAATCGGT ACCGATTTTAGGAGTGCTGGGTCG 977 ACGCGCCGCTCATCACTACAATCT AGATTGTAGTGATGAGCGGCGCGT 978 CGCAACTTCCTGTGGCAAAGCCAG CTGGCTTTGCCACAGGAAGTTGCG 979 TCGTTGGGCACATAAGGCAACTGA TCAGTTGCCTTATGTGCCCAACGA 980 CCGCTTGTAATTGCCATTCTCCGT ACGGAGAATGGCAATTACAAGCGG 981 GTAACCAGGGAGTCCTGGGCTGTG CACAGCCCAGGACTCCCTGGTTAC 982 AGCGCAAGATCTGGGGGCAGTCAC GTGACTGCCCCCAGATCTTGCGCT 983 GCGTACATCTGCTCATCAGCATGG CCATGCTGATGAGCAGATGTACGC 984 CCTCTGTGGCAGGAAAGAAACCGT ACGGTTTCTTTCCTGCCACAGAGG 985 CCTATGCAATGGACCTGCATCGGA TCCGATGCAGCAGGTCCATTGCATAGG	973	ACCCCGTGGGGTTTCGCCATTTTT	AAAAATGGCGAAACCCCACGGGGT
976 CGACCCAGCACTCCTAAAATCGGT ACCGATTTTAGGAGTGCTGGGTCG 977 ACGCGCCGCTCATCACTACAATCT AGATTGTAGTGATGAGCGGCGCGT 978 CGCAACTTCCTGTGGCAAAGCCAG CTGGCTTTGCCACAGGAAGTTGCG 979 TCGTTGGGCACATAAGGCAACTGA TCAGTTGCCTTATGTGCCCAACGA 980 CCGCTTGTAATTGCCATTCTCCGT ACGGAGAATGGCAATTACAAGCGG 981 GTAACCAGGGAGTCCTGGGCTGTG CACAGCCCAGGACTCCCTGGTTAC 982 AGCGCAAGATCTGGGGGCAGTCAC GTGACTGCCCCCAGATCTTGCGCT 983 GCGTACATCTGCTCATCAGCATGG CCATGCTGATGAGCAGATGTACGC 984 CCTCTGTGGCAGGAAAGAAACCGT ACGGTTTCTTTCCTGCCACAGAGG 985 CCTATGCAATGGACCTGCATCGGA TCCGATGCAGGGTCCATTGCATAGG 986 CTCGGTGGATGGCGAATAAGGATA TATCCTTATTCGCCATCCACCGAG	974	CTACACGCGCAGTTGTGACTTGTG	CACAAGTCACAACTGCGCGTGTAG
977 ACGCGCCGCTCATCACTACAATCT AGATTGTAGTGATGAGCGGCGCGT 978 CGCAACTTCCTGTGGCAAAGCCAG CTGGCTTTGCCACAGGAAGTTGCG 979 TCGTTGGGCACATAAGGCAACTGA TCAGTTGCCTTATGTGCCCAACGA 980 CCGCTTGTAATTGCCATTCTCCGT ACGGAGAATGGCAATTACAAGCGG 981 GTAACCAGGGAGTCCTGGGCTGTG CACAGCCCAGGACTCCCTGGTTAC 982 AGCGCAAGATCTGGGGGCAGTCAC GTGACTGCCCCCAGATCTTGCGCT 983 GCGTACATCTGCTCATCAGCATGG CCATGCTGATGAGCAGATGTACGC 984 CCTCTGTGGCAGGAAAGAAACCGT ACGGTTTCTTTCCTGCCACAGAGG 985 CCTATGCAATGGACCTGCATCGGA TCCGATGCAGTGCATTGCAT	975	CGCAGCGACCTCATCTCTGGAGCC	GGCTCCAGAGATGAGGTCGCTGCG
978 CGCAACTTCCTGTGGCAAAGCCAG CTGGCTTTGCCACAGGAAGTTGCG 979 TCGTTGGGCACATAAGGCAACTGA TCAGTTGCCTTATGTGCCCAACGA 980 CCGCTTGTAATTGCCATTCTCCGT ACGGAGAATGGCAATTACAAGCGG 981 GTAACCAGGGAGTCCTGGGCTGTG CACAGCCCAGGACTCCCTGGTTAC 982 AGCGCAAGATCTGGGGGCAGTCAC GTGACTGCCCCCAGATCTTGCGCT 983 GCGTACATCTGCTCATCAGCATGG CCATGCTGATGAGCAGATGTACGC 984 CCTCTGTGGCAGGAAAGAAACCGT ACGGTTTCTTTCCTGCCACAGAGG 985 CCTATGCAATGGACCTGCATCGGA TCCGATGCAGGTCCATTGCATAGG 986 CTCGGTGGATGGCGAATAAGGATA TATCCTTATTCGCCATCCACCGAG	976	CGACCCAGCACTCCTAAAATCGGT	ACCGATTTTAGGAGTGCTGGGTCG
979 TCGTTGGGCACATAAGGCAACTGA TCAGTTGCCTTATGTGCCCAACGA 980 CCGCTTGTAATTGCCATTCTCCGT ACGGAGAATGGCAATTACAAGCGG 981 GTAACCAGGGAGTCCTGGGCTGTG CACAGCCCAGGACTCCCTGGTTAC 982 AGCGCAAGATCTGGGGGCAGTCAC GTGACTGCCCCCAGATCTTGCGCT 983 GCGTACATCTGCTCATCAGCATGG CCATGCTGATGAGCAGATGTACGC 984 CCTCTGTGGCAGGAAAGAAACCGT ACGGTTTCTTTCCTGCCACAGAGG 985 CCTATGCAATGGACCTGCATCGGA TCCGATGCAGTCATAGG 986 CTCGGTGGATGGCGAATAAGGATA TATCCTTATTCGCCATCCACCGAG	977	ACGCGCCGCTCATCACTACAATCT	AGATTGTAGTGATGAGCGGCGCGT
980 CCGCTTGTAATTGCCATTCTCCGT ACGGAGAATGGCAATTACAAGCGG 981 GTAACCAGGGAGTCCTGGGCTGTG CACAGCCCAGGACTCCCTGGTTAC 982 AGCGCAAGATCTGGGGGCAGTCAC GTGACTGCCCCCAGATCTTGCGCT 983 GCGTACATCTGCTCATCAGCATGG CCATGCTGATGAGCAGATGTACGC 984 CCTCTGTGGCAGGAAAGAAACCGT ACGGTTTCTTTCCTGCCACAGAGG 985 CCTATGCAATGGACCTGCATCGGA TCCGATGCAGGTCCATTGCATAGG 986 CTCGGTGGATGGCGAATAAGGATA TATCCTTATTCGCCATCCACCGAG	978	CGCAACTTCCTGTGGCAAAGCCAG	CTGGCTTTGCCACAGGAAGTTGCG
981 GTAACCAGGAGTCCTGGGCTGTG CACAGCCCAGGACTCCCTGGTTAC 982 AGCGCAAGATCTGGGGGCAGTCAC GTGACTGCCCCCAGATCTTGCGCT 983 GCGTACATCTGCTCATCAGCATGG CCATGCTGATGAGCAGATGTACGC 984 CCTCTGTGGCAGGAAAGAAACCGT ACGGTTTCTTTCCTGCCACAGAGG 985 CCTATGCAATGGACCTGCATCGGA TCCGATGCAGGTCCATTGCATAGG 986 CTCGGTGGATGGCGAATAAGGATA TATCCTTATTCGCCATCCACCGAG	979	TCGTTGGGCACATAAGGCAACTGA	TCAGTTGCCTTATGTGCCCAACGA
982 AGCGCAAGATCTGGGGGCAGTCAC GTGACTGCCCCCAGATCTTGCGCT 983 GCGTACATCTGCTCATCAGCATGG CCATGCTGATGAGCAGATGTACGC 984 CCTCTGTGGCAGGAAAGAAACCGT ACGGTTTCTTTCCTGCCACAGAGG 985 CCTATGCAATGGACCTGCATCGGA TCCGATGCAGGTCCATTGCATAGG 986 CTCGGTGGATGGCGAATAAGGATA TATCCTTATTCGCCATCCACCGAG	980	CCGCTTGTAATTGCCATTCTCCGT	ACGGAGAATGGCAATTACAAGCGG
983 GCGTACATCTGCTCATCAGCATGG CCATGCTGATGAGCAGATGTACGC 984 CCTCTGTGGCAGGAAAGAAACCGT ACGGTTTCTTTCCTGCCACAGAGG 985 CCTATGCAATGGACCTGCATCGGA TCCGATGCAGGTCCATTGCATAGG 986 CTCGGTGGATGGCGAATAAGGATA TATCCTTATTCGCCATCCACCGAG	981	GTAACCAGGGAGTCCTGGGCTGTG	CACAGCCCAGGACTCCCTGGTTAC
984 CCTCTGTGGCAGGAAAGAAACCGT ACGGTTTCTTTCCTGCCACAGAGG 985 CCTATGCAATGGACCTGCATCGGA TCCGATGCAGGTCCATTGCATAGG 986 CTCGGTGGATGGCGAATAAGGATA TATCCTTATTCGCCATCCACCGAG	982	AGCGCAAGATCTGGGGGCAGTCAC	GTGACTGCCCCAGATCTTGCGCT
985 CCTATGCAATGGACCTGCATCGGA TCCGATGCAGGTCCATTGCATAGG 986 CTCGGTGGATGGCGAATAAGGATA TATCCTTATTCGCCATCCACCGAG	983	GCGTACATCTGCTCATCAGCATGG	CCATGCTGATGAGCAGATGTACGC
986 CTCGGTGGATGGCGAATAAGGATA TATCCTTATTCGCCATCCACCGAG	984	CCTCTGTGGCAGGAAAGAAACCGT	ACGGTTTCTTTCCTGCCACAGAGG
	985	CCTATGCAATGGACCTGCATCGGA	TCCGATGCAGGTCCATTGCATAGG
987 CCTCACTCGTGATGGCGTGACGCA TGCGTCACGCCATCACGAGTGAGG	986	CTCGGTGGATGGCGAATAAGGATA	TATCCTTATTCGCCATCCACCGAG
	987	CCTCACTCGTGATGGCGTGACGCA	TGCGTCACGCCATCACGAGTGAGG



988	TACGCTCACAGAACGCCATACGCC	GGCGTATGGCGTTCTGTGAGCGTA
989	CCGGAGAAGTTACGCGGATCGGAC	GTCCGATCCGCGTAACTTCTCCGG
990	GCGCCCTCACTGCATTTTTGGTAT	ATACCAAAAATGCAGTGAGGGCGC
991	ACTTTCAGCACGCGAACAGCGCAA	TTGCGCTGTTCGCGTGCTGAAAGT
992	CTAAACGCCCTTGATGCATGAGCA	TGCTCATGCATCAAGGGCGTTTAG
993	GCTTGCCTTTTACGATCGTCGCTA	TAGCGACGATCGTAAAAGGCAAGC
994	CAGACATCGTACGCACTCGGCATC	GATGCCGAGTGCGTACGATGTCTG
995	TAGCCGCGCGCTCCTATGCTCTT	AAGAGCATAGGAGCCGCGCGGCTA
996	GATGCCCTTTTGGTCCCCATGCCA	TGGCATGGGGACCAAAAGGGCATC
997	TGAGCTGCCTTGCCACGATGCCTC	GAGGCATCGTGGCAAGGCAGCTCA
998	CCGCCGTATACGTGCCATAGTTTG	CAAACTATGGCACGTATACGGCGG
999	TAGTGCTCTCCGCGCTCATCCAAC	GTTGGATGAGCGCGGAGAGCACTA
1000	CCCTAGATAAGTTGGGGTGGGACG	CGTCCCACCCCAACTTATCTAGGG
1001	TGAAGGCCACCTGATATGGTTTC	GAAACCATATCAGGTGGCCCTTCA
1002	GCCGCCTCCGACTGGTTAACCCGA	TCGGGTTAACCAGTCGGAGGCGGC
1003	CGCACGGCTACTAACAGCGGATCA	TGATCCGCTGTTAGTAGCCGTGCG
1004	CCGGACCAATTCCAACGAGCATCG	CGATGCTCGTTGGAATTGGTCCGG
1005	CATTGAGGTCCACCGTTCACATCC	GGATGTGAACGGTGGACCTCAATG
1006	AGGACGCAGCATGTCCCAGCCGAG	CTCGGCTGGGACATGCTGCGTCCT
1007	TAATCGCGGGCCATACTACCAACG	CGTTGGTAGTATGGCCCGCGATTA
1008	CGCAAATTTCTCCGGTCGGCAAGC	GCTTGCCGACCGGAGAAATTTGCG
1009	GTGGCTCGACTAATGCCTTGCGTG	CACGCAAGGCATTAGTCGAGCCAC
1010	TGTGGGCGTGTTCCGGCTCACTGT	ACAGTGAGCCGGAACACGCCCACA
1011	GTTCTTCCTTTTCTGCGGTGGGAA	TTCCCACCGCAGAAAAGGAAGAAC
1012	ACCTCGAGTCAGATTGTGCGCCTT	AAGGCGCACAATCTGACTCGAGGT
1013	CAAGTGGACAGACGGTTTGTTCCG	CGGAACAAACCGTCTGTCCACTTG
1014	TCCAGTTGAGTCGCGCCGACGAGG	CCTCGTCGGCGCGACTCAACTGGA
1015	CGCAACAGGTCAGCCCTTATTTGC	GCAAATAAGGGCTGACCTGTTGCG
1016	GCCGTGACTCCTGCAATGTCGGTA	TACCGACATTGCAGGAGTCACGGC
1017	ATCAGCGCAAGCTGGTCTGAAACA	TGTTTCAGACCAGCTTGCGCTGAT
1018	CCCTGGCCAGAACGAGAGGCCATG	CATGGCCTCTCGTTCTGGCCAGGG
1019	ACGATCAAGGACTCGTCAGGGTTG	CAACCCTGACGAGTCCTTGATCGT
1020	TTCATGGCACCAAGACCACCGTTA	TAACGGTGGTCTTGGTGCCATGAA
1021	ACAGCAAGGAGATGGATTGCGACG	CGTCGCAATCCATCTCCTTGCTGT
1022	CGTAAATATCTGCGGCGGTGTGAA	TTCACACCGCCGCAGATATTTACG
1023	GGAAACACGTGTTCGTCTGTTGGC	GCCAACAGACGAACACGTGTTTCC
1024	CGATGTTAGGATTCGGATAGGCCA	TGGCCTATCCGAATCCTAACATCG
1025	ATCGGACAAGGACAAGTGGATGGT	ACCATCCACTTGTCCTTGTCCGAT

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1026	GCCCGGAGGACAAAGTTCGAGTTA	TAACTCGAACTTTGTCCTCCGGGC
1027	AAATCCGACAAATGGGCACATGGA	TCCATGTGCCCATTTGTCGGATTT
1028	CAGTTAGGGGATGCGGATGAGTGA	TCACTCATCCGCATCCCCTAACTG
1029	CGGCAGGTGGAGATTCCGACATTG	CAATGTCGGAATCTCCACCTGCCG
1030	TAGGGCAGCCAGGTTCACTCATCT	AGATGAGTGAACCTGGCTGCCCTA
1031	GCACCGTATTAGCAGTAGGCACGC	GCGTGCCTACTGCTAATACGGTGC
1032	ACGCATTACAGGTGTGCGAAGGGA	TCCCTTCGCACACCTGTAATGCGT
1033	CGTGACTGCACGTGTTCCACAGGG	CCCTGTGGAACACGTGCAGTCACG
1034	GCTGAACTACCGCCTAAAATCGCG	CGCGATTTTAGGCGGTAGTTCAGC
1035	AGCACGCCAGGGAGGATCGAGTTA	TAACTCGATCCTCCCTGGCGTGCT
1036	ATGAGGGCAAGGAATGGGTCATGC	GCATGACCCATTCCTTGCCCTCAT
1037	GGGTCTCTCGTAATCAAAGGCCGA	TCGGCCTTTGATTACGAGAGACCC
1038	TATCTTGCGCAACGCCTCCATTTA	TAAATGGAGGCGTTGCGCAAGATA
1039	GGTTACACCTACGGAATCCAGCGG	CCGCTGGATTCCGTAGGTGTAACC
1040	ACACCGAGTTGGTCCGGTCAATAG	CTATTGACCGGACCAACTCGGTGT
1041	TCCCAGATTAAACGCTAGCCACCG	CGGTGGCTAGCGTTTAATCTGGGA
1042	TTGGTGAAACTGGCCCGTCGGAAG	CTTCCGACGGGCCAGTTTCACCAA
1043	CCAGGGGAGTTGACAATGAGGCTG	CAGCCTCATTGTCAACTCCCCTGG
1044	TCTGCGTTATTGGACCGTTTGTCG	CGACAAACGGTCCAATAACGCAGA
1045	TATGGGATGCTAAACCGGCGTACA	TGTACGCCGGTTTAGCATCCCATA
1046	CACAGACGTCTGTCGGGCTTGTGT	ACACAAGCCCGACAGACGTCTGTG
1047	AGAATGCCGTTCGCCTACTCCCGT	ACGGGAGTAGGCGAACGGCATTCT
1048	CGACGGATAATGCAGGCCTCATGA	TCATGAGGCCTGCATTATCCGTCG
1049	ACCCTCTAAAGCAATAGGTCGGCG	CGCCGACCTATTGCTTTAGAGGGT
1050	CACTCACGGCAGAAGCCTGCTTGT	ACAAGCAGGCTTCTGCCGTGAGTG
1051	ATCAGCCCACATATTCTCGGCCGT	ACGGCCGAGAATATGTGGGCTGAT
1052	CAAATCTGGGGTCGTCCTAAACGC	GCGTTTAGGACGACCCCAGATTTG
1053	TGTCGCCCATGGCAGGTTAAATAC	GTATTTAACCTGCCATGGGCGACA
1054	GGGGCCCATCAATTCATTATCGA	TCGATAATGAATTGATGGGCCCCC
1055	GTCGAGCAGCTTTAGTATCGCGGG	CCCGCGATACTAAAGCTGCTCGAC
1056	CCGCTAAGCACCGAAGGCTCACAA	TTGTGAGCCTTCGGTGCTTAGCGG
1057	TAGAATTAGCGAACGGTGATCCCG	CGGGATCACCGTTCGCTAATTCTA
1058	CACATGACATTTGGCAAAGGTCCA	TGGACCTTTGCCAAATGTCATGTG
1059	TCAACGCACTGGCGATGACTAGAT	ATCTAGTCATCGCCAGTGCGTTGA
1060	CGGGAAATGTCTTTAGCCGTCGAA	TTCGACGGCTAAAGACATTTCCCG
1061	ATCAGAGCAAATCTGCAGCGGGGA	TCCCCGCTGCAGATTTGCTCTGAT
1062	GGCCTGTTTCTGTCCAACTGGGCT	AGCCCAGTTGGACAGAAACAGGCC

1064	AGTGACGCCGAGTCGCGAGGGTTA	TAACCCTCGCGACTCGGCGTCACT
1065	AGTTGTCTCATCCTGTCCGGGACC	GGTCCCGGACAGGATGAGACAACT
1066	CTTCTTTGTGCACACTTGCCAGGG	CCCTGGCAAGTGTGCACAAAGAAG
1067	CACCTCATCGGAGCATAGCAACCC	GGGTTGCTATGCTCCGATGAGGTG
1068	ATGCGATCCATGACAAGGGTTGCT	AGCAACCCTTGTCATGGATCGCAT
1069	CCCGTGGAGATGATGTGCGGCTTA	TAAGCCGCACATCATCTCCACGGG
1070	CCCAATAGACGCCACAGCCAGTGA	TCACTGGCTGTGGCGTCTATTGGG
1071	AACGACCACGACCCTCGCCGAGTA	TACTCGGCGAGGGTCGTGGTCGTT
1072	GGTGCTTTGTCTGAGGCGAGTGAA	TTCACTCGCCTCAGACAAAGCACC
1073	CTGTCGGCGCTGCTCTCCGAATTT	AAATTCGGAGAGCAGCGCCGACAG
1074	CTCGCCGGAGTGTTGTAAGCATTG	CAATGCTTACAACACTCCGGCGAG
1075	AGCAATCATGAGAGGTGGCCGGTG	CACCGGCCACCTCTCATGATTGCT
1076	ATTTGCCACCGGCGACAAAAAGAT	ATCTTTTTGTCGCCGGTGGCAAAT
1077	CCGCCGTGTTGGCATGTCTTTTG	CAAAAGACATGCCAACACGGGCGG
1078	ATCGGAAGTGCTGACTGACACACG	CGTGTGTCAGTCAGCACTTCCGAT
1079	CCTCAGACCCTATCTGGGTTGACG	CGTCAACCCAGATAGGGTCTGAGG
1080	ствтвтветстветссвествттс	GAACAGCCGGACCAGACCACAG
1081	GTCCCCATTATCGGTGAGTGCAAC	GTTGCACTCACCGATAATGGGGAC
1082	ACAGGCACGTAAGTGCTCAATCGG	CCGATTGAGCACTTACGTGCCTGT
1083	AGCAAGATAGCGGGAGTGCCCCTA	TAGGGGCACTCCCGCTATCTTGCT
1084	GGTTTACGCCATGACATCCCGTCA	TGACGGGATGTCATGGCGTAAACC
1085	GTGCAGGCCTTTGTGTGTGAATCG	CGATTCACACACAAAGGCCTGCAC
1086	CTTCGAGGGTAGGGCTTCGAAACG	CGTTTCGAAGCCCTACCCTCGAAG
1087	AGTCGACACTTGGGTTTACCACGG	CCGTGGTAAACCCAAGTGTCGACT
1088	ACATAAATCTCGCCCGCTGCACTC	GAGTGCAGCGGGCGAGATTTATGT
1089	GTTTGGTTTTCCACGGAGGTTTGA	TCAAACCTCCGTGGAAAACCAAAC
1090	GCAGGAACCAGATTAGTGTCCCGG	CCGGGACACTAATCTGGTTCCTGC
1091	TTTGCTAGAGCGCGGAGCTAAAGC	GCTTTAGCTCCGCGCTCTAGCAAA
1092	CTATGTGGCATCGCTGACATGCTC	GAGCATGTCAGCGATGCCACATAG
1093	CCTAAGTCGGTTTGCAGCTGCTCT	AGAGCAGCTGCAAACCGACTTAGG
1094	GCGTTCGTCCACAGGAACGGAAGG	CCTTCCGTTCCTGTGGACGAACGC
1095	TAACCCGCGCCCGAGAAATTGTCT	AGACAATTTCTCGGGCGCGGGTTA
1096	TATGGTGCTCAGAGCTGTTGCCAA	TTGGCAACAGCTCTGAGCACCATA
1097	TCATCGACCCACTAACGTCAGGGC	GCCCTGACGTTAGTGGGTCGATGA
1098	TGCTCAAGCTACGCGTCACTTCCC	GGGAAGTGACGCGTAGCTTGAGCA
1099	AGCGGGAAGGTCTGAGGAGGGAAA	TTTCCCTCCTCAGACCTTCCCGCT
1100	CCGATGTAGCACCACCGCAGTGGC	GCCACTGCGGTGGTGCTACATCGG
1101	AAGTTCTGGGAATCACACGGCGCG	CGCGCCGTGTGATTCCCAGAACTT



1102 CACCAGCCTTACGTGCGCGCTTAA 1103 CGTTTCGCCTCTCTCCGAATGC 1104 GAGGAGGCCAATACAGCCGC 1104 GAGGAGGCCAATACAGCAGCGCC 1105 AGTAATCTTGCGCACACAGCGG 1106 TGAGGACAAACCGGCGCTAGGATA 1107 TCGTAGAGACAGCGCGCTAGGATA 1107 TCGTAGAGACAGCGCGCTAGGATA 1108 CGAAGCTACACCCCGAGTGCCCATCTC 1109 ATGATGTGTGCTCCATGCCT 1109 ATGATGTGATCTCCATGGCTGC 11109 ATGATGTGATCTCCCATGGCTGC 11109 ATGATGTGATCTTCCCATGGCTGC 11109 ATGATGTGATCTTCCCATGGCTGC 11109 ATGATGTGATCTTCCCATGGCTGC 11109 ATGATGTGATCTTCCCATGGCTGC 11101 TGTACACGTATCGCGTTCGCCTAG 11110 TGTACACGTATCGCGTTCGCCTAG 11111 GGTGTGCTTTTACGCATGTACGCA 11111 GGTGTGCTTTTACGCATGTACGCA 11111 GGTGTGCTTTTACGCATGTACGCA 11111 AAAATTAGGCACACCCCCCCACAG 1112 AGGCGGATACGTGAGCCA 1113 AAATTAGGCACAGCCCTCCCACAG 1114 ATAAGTTTGGTGAGCCATGCGGATCCACGCATTCCCCCCT 1115 CCTATTTCGGCGGACCCTCCCACAG 1116 TTACCGGAATATGCACTTTGCCGC 1117 CCTCCGGACGGTCCCTTTGATCC 1118 CAAGCGAATAGGCCATTCGCCGC 1119 CCTCTCGGACGGTCCCTTTGATCC 1119 GCATTTCCCATGGCCGC 1110 GCATTCCCATGCCTTTGATCC 1110 GCATTTCCCATGCCTAGCCC 1111 CCTCCGGACGGTCCCTTTGATCC 1111 CCTCCGGACGGTCCCTTTGATCC 1111 CCTCCGGACGGTCCCTTTGATCC 1112 AGGTTTTCCCATGCCCTTTGATCC 1112 AGGTTTTCCCATGCCAGACGTTCGCCTTTGATCC 1112 AGGTTTTCCCATGCCAGACGTTCGCCTTTGATCCCCCTTTGCATGCCTAAAAGGACCGTCCCAAAACCTTGCTTG			
1104 GAGGAGGCCAATAGAGCAGCGCC 1105 AGTAATCTTGCGGCACACAAGCGG CCGCTTGTTGCCCGCAAGATTACT 1106 TGAGGACAAACCGGCGCTAGGATA TATCCTACGCGCGGTTTGTCCTCA 1107 TCGTAGAGACGCAGTGCCATCTC GAGATGGGCACTCGGTCTCTACGA 1108 CGAAGCTACACCCCGAGTGCGGTG CACCGCACTCGGGGTTAGCTCTCACGA 1109 ATGATGTGATCTTCCCATGGCTGG CACCGCACTCGGGGTTAGCTTCG 1109 ATGATGTGATCTTCCCATGGCTGG CACCGCACTCGGGGTTAGCTTCG 1110 TGTACACGTATCGCGTTCGCCTAG CTAGGCGAACGCGATACGTGTACA 1111 GGTGTGCTTTTACGCATGTACGCA TGCGTACATGCGTACACCC 1112 AGGCGGGATACGTGAGCA TGCGTACATCACCC 1113 AAATTAGGCACGCCCTCCCACAG CTGGGAGGGCTGTACCCCTATT 1114 ATAAGTTTGGTGAGCCATCCCACAG CTGTGGGAGGCTGTCCCTAATT 1115 CCTATTTCGGCGGACCTCCCACAG CTGTGGGAGGCCTGCCCAAACTTAT 1116 TTACCGGAATATGCACTTGGCCG TCGCAAAGTGCTACACACTATT 1117 CCTCCCGGACGGCCCTCCACAG CGCACCAGAGTCCACACACTATT 1118 CAAGCGAATATGCACTTGGCCG GCGCCAAGTGCATATTCCGGTAA 1117 CCTCCCGGACGGTCCCTTTGATCG CGCACAAAGGACCGTCCGAAAGGG 1118 CAAGCGAATGCACTTTGACCC GCGCCAAAGGGACCGTCCGAAAGGG 1119 GCATTTCCCATGCCAGACGTTCG CGATCAAAGGGACCGTCCGAAGG 1119 GCATTTCCCATGCCAGACGTTGA TCAACGTTCTGGCAGGGTCACCAAAACCT 1120 GTTTTGGCTAACCGTCCTTGCCTTG 1121 AGGTTTTGCCGGACGTCCTTTCCCTTGCCTTG 1122 ATGTCCACGAGTGCCTTCGCCTTG CAAGGCAGGACACCCTCGTAGGACAT 1123 AGACGCGTACACAGAGGTTCATC GATATCCGCCGGACAAAACCT 1124 AATACCGTTCCCAGACGTTCGCCC GGCGCAAAACCCT 1125 ACACCAAGGTGCGTCCGATATC GATATCCGCCGGACAAAACCT 1126 GCCGCAAAATCCTACAAAATCCA TGGATTTTGAGGACATTTTGCCGGC 1127 CTTATCCCATGCAGAGGTTCTGCCCC GGCGCAAACCCTCGTAGGACAT 1128 GCCGGCAAAATCCTACAAAATCCA TGGATTTTGAGGACATTTTGCCGGC 1127 CTTATCCCATGTGCAGAACTTGACCGACCGACACCCTCGTAGGACATTTTTTTT	1102	CACCAGCCTTACGTGCGGCGTTAA	TTAACGCCGCACGTAAGGCTGGTG
1105 AGTAATCTTGCGGCACACAAGCGG CCGCTTGTGTGCCGCAAGATTACT 1106 TGAGGACAAACCGCGCGTAGGATA TATCCTACGCGCGGTTTGTCCTCA 1107 TCGTAGAGACGCAGTGCCCATCTC GAGATGGGCACTGCGTCTCTACGA 1108 CGAAGCTACACCCCGAGTGCGGTG CACCGCACTGGGGGTGTAGCTTCG 1109 ATGATGTGATCTTCCCATGGCTGG CACCGCACTGGGGAAGATCACATCAT 1110 TGTACACGATATCGCGTTGGCCTAG CTAGGCGAACGCGATACGTGTACA 1111 GGTGTGCTTTTACGCATGTCCCCAG 1112 AGGCGGAACGCGAAAGACCACCC 1112 AGGCGGGATACGTGGATGCCCAG CTAGGCGAACGCGATACGTGTACA 1114 ATAAGTTTGGTGAGCCATTCCCACAG CTGTGGGAAGGCCTAACAACCACC 1115 AAATTAGGCACAGCCCTCCCACAG CTGTGGGAAGGGCTAACACCACC 1116 TTACCGGAATATCACCCAG CTGTGGGAAGGCCTAACTTT 1117 CCTATTTCGGCGGACCCTCCCACAG CTGTGGGAAGGCCCAAACTTAT 1118 CAAAGTTTGGCGACCTTGACCC GCCAAATGAGCTCACCAAACTTAT 1119 CCTATTTCGGCGGACCTCCACAG CTGTGGGAAGGCCCTCCCCAAACTTAT 1110 CCTCTCCGGACGGTCCCTTTGATCC CGATCAAGTGCCCCAAAATTCCCGCCAAATTCGCTAA 1117 CCTCTCCGGACGGTCCCTTTGATCC CGATCAAGGGACCGTCCGCGAAATAGG 1118 CAAGCGAATGCACTTGGCCG GCGCCAAGTGCATATTCCGGTAA 1119 GCATTTCCCATGCCAGAACGTTGA TCAACAGGACCGTCCGAGAGG 1119 GCATTTCCCATGCCAGAACGTTGA TCAACAGTTCTGGCATGGAAAGC 1120 GTTTTGGCTAACCGTCCTGCCTTG CAAGGCAGGACAGTTCGCTTG 1121 AGGTTTTGCCGGCGAAACACTT CAACAGTTCTGGCAAAACC 1122 ATGTCCACGAGTGCTTCCGCTTG CAAGGCAGGACGGTTAGCCAAAACC 1122 ATGTCCACGAGTGCTTCCGATATC GATATCGGCCGAAAAACCT 1123 AGACCGCGTACGAGGGTTCTGCGCC 1124 AATACCGTTCCCATCTGTGCGAG 1125 ACACAAGGTGCTCCATCAAAATCCA ACCATTCGATGAGCACCTTCGTACGCGTTT 1126 GCCGGCAAAATCCTACAAAATCCA TGGATTTTGTAGGATTTTGCCGGC 1127 CTTATCCCATGTGCCGGTCTGACT AGCCGAACACCCTTCGTACGCGTCT 1128 GCCGGCAAAATCCTACAAAATCCA TGGATTTTGTAGGATTTTGCCGGC 1127 CTTATCCCATGTGCCAGTATTGGCAC GGCGCACAACCCTTCGTGGACAGCTTTGTGT 1128 GCCGCACAAATCCTACAAAATCCA TGCACTACTGCACACATTGGGTAAGCACCGTAATGCACCAGTATGGAACCTCTGACACACTTTGTGTGT 1129 TACGGTGCACCAGAAATCCTACAAAATCCA TGCACTCTTTTGGGCCTAGGACCACTCTGTAGGCGACAAAACCT 1130 CACCAGATGTCGAAGACGACCTC GAGGACTACTCGGCACACATTGGTGT 1131 GCTCCTACGCCCAAAGAGGTATTGC CGGCGACTAATTCCTCGACACACTTTTTCT 1133 GTGCAGTCGCACGAGAACCCCG CGGGATAATCCTCGGACCACACTTTTTCT 1134 ATGTCCCTGACACAGAGAATCTTCCCACCGGACTATTCTCTATCGGTGCACCACTTTTTCT 1135 TTGCCCCC	1103	CGTTTCGCCTCCTCTTCCGAATGC	GCATTCGGAAGAGGAGGCGAAACG
1106 TGAGGACAAACCGCCGTAGGATA 1107 TCGTAGAGACGCAGTGCCCATCTC GAGATGGGCACTGCGTCTCACGA 1108 CGAAGCTACACCCCGAGTGCGGTG CACCGCACTCGGGGTGTAGCTTCG 1109 ATGATGTGATCTTCCCATGGCTGG CACCGCACTGGGAAGATCACATCAT 1110 TGTACACGTATCGCGTTCGCCTAG CTAGGCGAACGCGAACGCGTACAATCAT 1111 GGTGTGCTTTTACGCATGTAGCCA TGCGTACAAGCAACACCC 1112 AGGCGGAAACCCTTCAAGCA TGCGTACAATCCATTAT 1113 AAATTAGGCACGCATTCGCAAG CTGTGGAAGGACCACACCC 1114 ATAAGTTTGGTGAGCCATCCCACAG CTGTGGGAAGGACTACATCATTT 1114 ATAAGTTTGGTGAGCCATTCGCGA TCGCGAATGCGTACAACTTAT 1115 CCTATTTCGGCGGACCCTCCCACAG CTGTGGGAGGGCCGAAAATAGG 1116 TTACCGGAATATCACTTGGCCG GCGCCAAAGTGCATATTCCCGCTAATTT 1117 CCTCTCGGACGGTCCCTTTGATCG CGACCAAGTGCATATTCCCGCTAATTT 1118 CAAGCGAATGCTATTACGGCCC GCGCCAAAGGGACCGTCCGAGAGG 1118 CAAGCGAATGCTATTACGGCCT AGGCCGAAGTGCATATCCCGTTG 1119 GCATTTCCCATGCCAGAACGTTGA TCAACAGGAACCGTCCGAGAGG 11110 GTTTTGGCTAACCGTCCTGCCTTG CAAGGCACGACAGGAATAGCATTCCCGTTG 1112 AGGTTTTGCCGAGAACCGTTCGCTTG CAAGGCAGGACGGTCACAAAACC 1121 AGGTTTTGCCGGCAAACCGTTCGCTTG CAAGGCAGGACGGTAGCCAAAACCT 1122 ATGTCCACGAGTGCCTCGCCTTG CAAGGCAGGACCGTCCGACAAAACCT 1122 ATGTCCACGAGTGCCTCCGATATC GATATCGGCCCGACAAAACCT 1122 AGGCCGTACACGGCCCAATAGCACCGTCTTTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCCATTCCAAAATCCA TGGATTTTTTTTTT	1104	GAGGAGGCCAATAGAGCAGCGCGC	GCGCGCTGCTCTATTGGCCTCCTC
1107 TCGTAGAGACGCAGTGCCCATCTC 1108 CGAAGCTACACCCCGAGTGCCGTG 1109 ATGATGTGATCTCCCATGGCTGG 1109 ATGATGTGATCTCCCATGGCTGG 1110 TGTACACGTATCGCGTTCGCCTAG 1111 TGTACACGTATCGCGTTCGCCTAG 1111 GGTGTGCTTTTACGCATGTACGCA 1111 GGTGTGCTTTTACGCATGTACGCA 1111 GGTGTGCTTTACGCATGTACGCA 1111 AGGCGGGATACGTGGATGCACCACC 1112 AGGCGGGATACGTGGATGCTAGCC 1113 AAATTAGGCACAGCCCTCCCACAG 1114 ATAAGTTTGGTGAGCCACTCCCACAG 1115 CCTATTTCGGCAGCCCTCCCACAG 1116 TTACCGGAATAGCCTTGGCCG 1117 CCTCTCGGACGCCCTCCCACAG 1117 CCTCTCGGACGCCCTCCCACAG 1118 CAACCGAATATGCACTTGGCCG 1119 CCATTTCGGCACCCTCCTCACAGCCCCCCCACAGTCCCCACAACTTAT 1110 CCTCTCGGACGGCCCTCCTCATGCC 1111 CCTCTCGGACGGTCCCTTTGATCG 1111 CCTCTCGGACGGTCCCTTTGATCG 1111 CCACCGCAATATGCACTTGGCCGC 1112 CACCTTTGATCACCCCCCACAACTTATCCGTAA 1117 CCTCTCGGACGGTCCCTTTGATCG 1119 GCATTTCCCATGCCAGAACGTTGA 1110 GCATTTCCCATGCCAGAACGTTGA 1111 CCACCGCAATAGCACTTCGCTTG 1112 AGGTTTTGCCGGGCGAATAGATGC 1121 AGGTTTTGCCGGGCGAATAGATGC 1122 ATGTCCACGAACGTTGA 1123 AGACGCGTACGAGGGTTCTCGCTTG 1124 AATACCGTTCCCATGCCGAAAACCCT 1125 ACACAAAGTGCCTCTGCCTTG 1126 GCCGCAAAAATCCT 1127 CTTATCCCATCTGTGCGAGG 1128 AGACCACGAACCCTCGAAAACCCT 1129 ACACAAAGTGCCTCACAAAATCCA 1121 CTTATCCCATGTGCCGGGCATATGCACACACACCCTCGTACGCGTCT 1122 ATGTCCACGAACACCTACCAAAATCCA 1123 AGACCACAATCCTACAAAATCCA 1126 GCCGCCAAAATCCTACCAAAATCCA 1127 CTTATCCCATGTGCCGGTCTGACT 1128 GCGGCCAAAATCCTACAAAATCCA 1129 TACCGTTGCACCGGACCACTCGTGGCTTGCCCC 1129 TACCGGTGCACAAATCCAAAATCCA 1120 CACCAGATGTCGAGGAACCCTCGTACGCACCCTTATTTTTACCCATTTTTTTT	1105	AGTAATCTTGCGGCACACAAGCGG	CCGCTTGTGTGCCGCAAGATTACT
1108 CGAAGCTACACCCGAGTGCGGTG CACCGCACTCGGGGTGTAGCTTCG 1109 ATGATGTGATCTTCCCATGGCTGG CCAGCCATGGGAAGATCACATCAT 1110 TGTACACGTATCGCGTTCGCCTAG CTAGGCGAACGCGATACGTGTACA 1111 GGTGTGCTTTTACGCATGTACGCA TGCGTACATGCGTAAAAGCACACC 1112 AGGCGGGATACGTGGACC GGCTACATCACGCTATCCCGCCCT 1113 AAATTAGGCACAGCCCTCCCCACAG CTGTGGGAGGGCTGTGCCTAATTT 1114 ATAAGTTTGGTGAGCCATTCGCGA TCGCGGAATGGCTGCCCAAACTTAT 1115 CCTATTTCGGCGGACCTCCGCACG CTGTGGGAGGGCTGTGCCTAATTT 1116 TTACCGGAATATGCACTTGGCCG GGCATCGAGGTCCGCCGAAATAGG 1117 CCTCTCGGACGGTCCCTTTGATCG GGCATCGAGGTCCGCCGAAATAGG 1118 CAAGCGAATATGCACTTGGCCG GCGGCCAAGTGCATATTCCGGTAA 1117 CCTCTCGGACGGTCCCTTTGATCG CGATCAAAGGGACCGTCCGAGAGG 1118 CAAGCGAATGCTGATTACGGCCT AGGCCGTAATACAGCATTCGCTTG 1119 GCATTTCCCATGCCAGAACGTTGA TCAACGTTCTGGCTAGCTTG 1110 GTTTTGGTCAGCGCTCTGCCTTG CAAGGCAGACGGTTAGCCAAAAC 1121 AGGTTTTGTCCGGGCGAATGATGT ACATCATTCGCCGGACAAAACCT 1122 ATGTCCACGAGTGCCTCCGCTTG 1124 AATACCGTTCCACCATATC GATATCGACGCACTCGTGGACAT 1125 ACACAAGGTGCCTCCAATATC GATATCGACGCACTCGTGGACAT 1126 GCCGCAAAAACCTT 1127 CTTATCCCATCTGTGCGAGG CCTCGCACAGATGGGAACCCTTCGTGTT 1126 GCCGCCAAAAATCCTACAAAATCCA TGGATTTTGAGGCACCCCTTTGTGT 1127 CTTATCCCATCTGTGCGAGG CCTCGCACAGATGGGAACCCTTCGTGTT 1128 GCGGCCATAATGCATCAAAATCCA TGGATTTTGAGGACGCACCTTTGTGT 1129 TACGGTGCCTCCATCTGACATGT ACCATTCCGATGGACATTTTGCCGCC 1127 TATCCCATGTGCCAGCATATC GCCCGGCACAAAACCCT 1128 GCGGCCAAAAATCCTACAAAATCCA TGGATTTTTGAGGACTGCCCGTATT 1129 TACGGTGCATCGACTAGGAACCCTCGAAGACCCTCGAAGAACCCTTGTGTGT 1120 CACCAGATTGCATCAGAAATCCA TGGATTTTTGAGGACTGCCCACTTTTGTGT 1121 AGAATATGGGCACCAGAAGAGTATGGCCACAAAATCCTACAAAATCCA TGGATTTTTGAGACCGGCACTTTGTGT 1129 TACGGTGCACCAAAATCCTACAAAATCCA TGGATTTTTGAGCACGGCACCTTTGTGT 1130 CACCAGATTGCATAGCACGGAAA TTCCCATCTTTTGGGCGGCACTTATTGCCATTTTTGGCCGGCC	1106	TGAGGACAAACCGCGCGTAGGATA	TATCCTACGCGCGGTTTGTCCTCA
1109 ATGATGTGATCTTCCCATGGCTGG CCAGCCATGGGAAGATCACATCAT 1110 TGTACACGTATCGCGTTCGCCTAG CTAGGCGAACGCGATACGTGTACA 1111 GGTGTGCTTTTACGCATGTACGCA TGCGTACATCGCGATACGTGTACA 1112 AGGCGGGATACGTGGATGCTAGCC GGCTAGCATCCACGTATCCCGCCT 1113 AAATTAGGCACAGCCCTCCCCACAG CTGTGGGAGGGCTGTGCCTAATTT 1114 ATAAGTTTGGTGAGCCATTCCGCA TCCCGAATGGCTCACCAAACTTAT 1115 CCTATTTCGGCGACCTCGATGCC GGCATCGAGGTCCGCCCGAAATAGG 1116 TTACCGGAATATGCACTTGGCCGC GCGCCAAATGGGATTCCCGGTA 1117 CCTCCGGACGGTCCCTTTGATCG CGGCCAAAGTGCACCCCCGCAAATAGG 1118 CAAGCGAATGCACTTTGACG CGGCCAAGTGCATATTCCGGTAA 1117 CCTCTCGGACGGTCCCTTTGATCG CGATCAAAGGACCGTCCGAGAGG 1118 CAAGCGAATGCTGTATTACGGCCT AGGCCGTAATACAGCATTCGCTTG 1119 GCATTTCCCATGCCAGAACGTTGA TCAACGTTCTGGCTGG 1110 GTTTTGGCTAACCGTCCTGCTTG CAAGGCAGGACGGTTAGCCAAAAC 1121 AGGTTTTGCCGGCGAATGATGT ACATCATTCGCCCGGACAAACCT 1122 ATGTCCACGAGTGCGTCCGATATC GATATCGGCACACACCT 1123 AGACGCGTACGAGGGTTCTGCCGC GGCGAAAACCT 1124 AATACCGTTCCCATCCGAATGGT ACCATCCGAGAGGCACTCGTGGACAT 1125 ACACAAGGTGCCTCATCGAATGGT ACCATTCGATGGGACACTCTGTGTGT 1126 GCCGGCAAAATCCTACAAAATCCA TGGATTTTTGAGGCACCTTTGTGT 1127 CTTATCCCATGCCAGAGGTCTGACT 1128 GCCGGCAAAATCCTACAAAATCCA TGGATTTTTTGCCGGC 1127 CTTATCCCATGTGCGAGGA TTCCGCC GGCGACACACCCTTGTGT 1128 GCCGGCAAAATCCTACAAAATCCA TGGATTTTTTGCCGGC 1129 TACGGTGCATCGAGGAACCTCGACCGAACCCTTGTGGTGT 1130 CACCAGATGTCGAGGAACCACTCGACCGAACCCTTGGTGT 1131 GCTCCTACGCAGAGAGACTATGGC CGGCGACAACCCTTGGTG 1131 GCTCCTACGCCAAAAGCACCG GGCGATGATCCTTGGCGAGC 1132 AGAATATGGAGAGAATTCGCC GGCGATGATCCTTGAGCACCGTA 1133 CTGCAGTCGCAAAAGCACCG CGGCACTAATTCTTTGCCGGC 1134 ATGCCCTCGCCAAAGAGGTTATGC CGGCACAAAGCCTCGAACACCGTAATTCTTTTGCCGGCAAAATCCAACCGGCAAAATCCGACCGGAACCCGCAACACGGAACCATTCGACAATTTTTTACCAAAGCGCCAACAGGGAACCATTCGAAAGAGATTTTCCAACAAAGAGAATTTTCCAAAGCACCGGAACCATTCGGAACCAATTCGCCAACAAGAGAAATTCTCCAACAAAGAGAATTTCCCAACAAGAGAATTCTCCAAAAGCACCAACAAGAAATTCTTCCAACAAGAGAAATTCTTCCAACAAATTCTTCCAAAAGCACCAACAATTCTTCCAAACCCGCAAAAAATTCTTCCAACAAATTCTTCCAACAAATTCTTCCAAAAGCACCAACAATTCTCCAAAATTCTTCCAAAAGCACCAAAATTCTTCCAAAATTCTTCCAAAACAATTTCTCCAAAATTCTTC	1107	TCGTAGAGACGCAGTGCCCATCTC	GAGATGGGCACTGCGTCTCTACGA
1110 TGTACACGTATCGCGTTCGCCTAG CTAGGCGAACGCGATACGTGTACA 1111 GGTGTGCTTTTACGCATGTACGCA TGCGTACATGCGTAAAAGCACACC 1112 AGGCGGGATACGTGGATGCTAGCC GGCTAGCATCCACGTATCCCGCCT 1113 AAATTAGGCACAGCCCTCCCACAG CTGTGGGAGGGCTGTGCCTAATTT 1114 ATAAGTTTGGTGAGCCATTCGCGA TCGCGAATGGCTCACCAAACTTAT 1115 CCTATTTCGGCGGACCTCGATGCC GGCATCGAGGTCCCCGAAATAGG 1116 TTACCGGAATATGCACTTGGCCG GCGGCAAGTGCATTCCCGGTAA 1117 CCTCTCGGACGGTCCCTTTGATCG CGATCAAAAGGAACCGTCCGAGAGG 1118 CAAGCGAATATGCACTTTGATCG CGATCAAAAGGAACCGTCCGAGAGG 1119 GCATTTCCCATGCCAGAACGTTGA TCAACGTTATCAGGCTT 1119 GCATTTCCCATGCCAGAACGTTGA TCAACGTATCTGGCATGGAAAATGC 1120 GTTTTGGCTAACCGTCCTGCCTTG CAAGGCAGGACGGTTAGCCAAAACC 1121 AGGTTTTGTCCGGGCGAATAATGT ACATCATCTCGCCCGGACAAAACCT 1122 ATGTCCACGAGTGCGTCCGATATC GATATCGGACGACCATCGTGGACAT 1123 AGACGCGTACGAGGGTTCTGCGCC GGCGAGAACCCTCGTGGACAT 1124 AATACCGTTCCCATCTGTGCGAGG CCTCCGCACAGATGGGAACCGTCT 1125 ACACAAGGTGCCTCCATCTGAATGGT ACCATTCGACAGGAACCCTCGTAGCGACT 1126 GCCGGCAAAATCCTACAAAATCCA TGGATTTTGTAGGAACCTTGTGT 1127 CTTATCCCATGTGCCGGTCTGACT AGTCAGACCGGCACATGGGATAAG 1128 GCGGCCAAAATCCTACAAAATCCA TGGATTTTGTAGGATTTTGCCGGC 1127 CTTATCCCATGTGCCGGTCTGACT AGTCAGACCGGCACATGGGATAAG 1128 GCGGCCATAATGCATAGCACGGAA TTCCGTGCTATGCATTATGGCCGC 1129 TACGGTGCAGCAGAACCCTCGAATGGT ATCCGTCTATGCATTATGGCCGC 1129 TACGGTGCAGCAGAACCACGGAA TTCCGTGCTATGCATTATGGCCGC 1130 CACCAGATGTCGAGGATCATCGCC GGCGATAATCCTTTTGGTG 1131 GCTCCTACGCCCCAAAGAGGTATGG 1132 AGAATATGGGCAGCAGCACTC GAGTGCTGCTGCCCATATTCT 1133 CTGCAGTCGCAGCAGCAGCACTC GAGTGCTGCTGCCCATATTCT 1134 ATGTCCCTGACGGAAAACCTTCCCA GAGTGCTGCTGCCCATATTCT 1135 TTCGCCACGAGAACCCTC GAGTGCTTCCCACATCTTGGTG 1134 ATGTCCCTGACAGAAAACCCG CGGGACAAAACCCTCCGGAAAAACCTTCTGGTG 1134 ATGTCCCTGACGCAGAAACCCG CGGGACTAATGCCTCGTGGCGAA 1135 TTCGCCACGAGAAACCCG CGGGACTAATGCCTCGTGGCGAA 1136 ACGTCGTTCCCAGAAAACCGGCAACAAACCGGCCAAGCGGAATTATTCTCAAAAATTCTTCCAAAATTCTTCCAAAATTCTTC	1108	CGAAGCTACACCCCGAGTGCGGTG	CACCGCACTCGGGGTGTAGCTTCG
1111 GGTGTGCTTTTACGCATGTACGCA TGCGTACATGCGTAAAAGCACACC 1112 AGGCGGGATACGTGGATGCTAGCC GGCTAGCATCCACGTATCCCGCCT 1113 AAATTAGGCACAGCCCTCCCACAG CTGTGGGAGGGCTGTGCCTAATTT 1114 ATAAGTTTGGTGAGCCATTCGCGA TCGCGAATGGCTCACCAAACTTAT 1115 CCTATTTCGGCGGACCTCGATGCC GGCATCGAGGGTCCGCCGAAATAGG 1116 TTACCGGAATATGCACTTGGCCGC GGGACCAGTGCATTTCCGGTAA 1117 CCTCTCGGACGGTCCCTTTGATCG CGATCAAAGGGACCGTCCGAGAGG 1118 CAAGCGAATGCTGTATTACGGCCT AGGCCGTAATACAGCATTCGCTTG 1119 GCATTTCCCATGCCAGAACGTTGA TCAACGTTCTGGCAGAGG 11119 GCATTTCCCATGCCAGAACGTTGA TCAACGTTCTGGCAGAACC 1120 GTTTTGGCTAACCGTCCTGCCTTG CAAGGCAGACGGTAGCCAAAACC 1121 AGGTTTTGTCCGGGCGAATGATGT ACATCATTCGCCCGGACAAAACCT 1122 ATGTCCACGAGTGCGTCCGATATC GATATCCGCCGGACAAAACCT 1123 AGACGCGTACGAGGGTTCTGCCCC GGCGACAAAACCT 1124 AATACCGTTCCCATCTGTGCGAGG CCTCGGACGAACCCTCGTGGACAT 1125 ACACAAGGTGCCTCATCGAATGGT ACCATTCGATGGGAACGGTTT 1126 GCCGGCAAAATCCTACAAAATCCA TGGATTTTGTGCGGC 1127 CTTATCCCATGTGCGAGGATGATT ACCATTCGATGAGGAACCCTTGTGT 1128 GCGGCCAAAATCCTACAAAATCCA TGGATTTTGTAGGATTTTGCCGGC 1127 CTTATCCCATGTGCCGGTCTGACT AGTCAGACCGGCACTTGTGTT 1128 GCGGCCATAATGCATAGCACGGAA TTCCGTGTGACTATTGCAGACCGCACTTGTGTT 1129 TACGGTGCATCGACTAGGATAGCACGGAA 1130 CACCAGATGTCGAGGAACCCTCGAACAGATGGAACCCTTAGAACAGT 1131 GCTCCTACGCAGGAACCACCC GGCGATGATCCTCGAACCGTA 1132 AGAATATGGCAGGAACCACCC GGCGATGATCCTCGACATCTTGTG 1133 CTGCAGTCGCAGAGAGATATGGC CAACACCTCTTTTGGGCGTAATTCCT 1134 ATGTCCCTGACCGAAGAGGTATGGC CCATACTCTCGACCGAAATCCTTCGACTATTCT 1135 TTCCCAGCGCAAAGAGGTATGGC CGGGCATATTCCCGCGCAAAATCCTCGCAGAACACCCGCAACACCCGCAATTTCCAAAAATCCA TGGAACAATTCCTCGACCAAAATCCA GAGGCCAACCCCGCAACAACCCGCAACACCCGCAACAACCCGCAACAA	1109	ATGATGTGATCTTCCCATGGCTGG	CCAGCCATGGGAAGATCACATCAT
1112 AGGCGGATACGTGGATGCTAGCC GGCTAGCATCCACGTATCCCGCCT 1113 AAATTAGGCACAGCCCTCCCACAG CTGTGGGAGGGCTGTGCCTAATTT 1114 ATAAGTTTGGTGAGCCATTCGCGA TCGCGAATGGCTCACCAAACTTAT 1115 CCTATTTCGGCGGACCTCGATGCC GCCACAGGTCCACCAAACTTAT 1116 TTACCGGAATATGCACTTGGCCGC GCGCCCAAGTGCATATTCCGGTAA 1117 CCTCTCGGACGGTCCCTTTGATCG CGATCAAAGGGACCGTCCGAGAGG 1118 CAAGCGAATGCTGTATTACGGCCT AGGCCGTAATACAGCATTCGCTTG 1119 GCATTTCCCATGCCAGAACGTTGA TCAACGTTCTGGCATGGCA	1110	TGTACACGTATCGCGTTCGCCTAG	CTAGGCGAACGCGATACGTGTACA
1113 AAATTAGGCACAGCCTCCCACAG CTGTGGGAGGGCTGTGCCTAATTT 1114 ATAAGTTTGGTGAGCCATTCGCGA TCGCGAATGGCTCACCAAACTTAT 1115 CCTATTTCGGCGGACCTCGATGCC GCGAATGGCTCCGCCGAAATAGG 1116 TTACCGGAATATGCACTTGGCCGC GCGCCAAGTGCATATTCCGGTAA 1117 CCTCTCGGACGGTCCCTTTGATCG CGATCAAAGGGACCGTCCGAGAGG 1118 CAAGCGAATGCTGTATTACGGCCT AGGCCGTAATACAGCATTCGCTTG 1119 GCATTTCCCATGCCAGAACGTTGA TCAACGTTCTGGCATGGGAAATGC 1120 GTTTTGGCTAACCGTCCTGCCTTG CAAGGCAGGACGGTTAGCCAAAAC 1121 AGGTTTTGTCCGGGCGAATGATGT ACATCATTCGCCCGGACAAACCT 1122 ATGTCCACGAGTGCGTCCGATATC GATATCCGCCGGACAAAACCT 1123 AGACGCGTACGAGGGTTCTGCCCC GCCGACAAACCT 1124 AATACCGTTCCCATCTGTGCGAGG CCTCGCACAGACCCTCGTACGCGTCT 1125 ACACAAGGTGCCTCATCTGACAGAGT ACCATTCGATGGAACGCACTTGTGT 1126 GCCGCAAAATCCATCAAAATCCA TGGATTTTGAGGATTTTGCCGGC 1127 CTTATCCCATGTGCCGGTCTGACT AGTCAGACGGACACTGTGGATAAG 1128 GCGGCCAAAATCCAAAATCCA TGGATTTTGAGGATTTTGCCGGC 1129 TACGGTGCATAGCACGGAA TTCCGTCGACAATGCGATAGGATAG	1111	GGTGTGCTTTTACGCATGTACGCA	TGCGTACATGCGTAAAAGCACACC
1114 ATAAGTTTGGTGAGCCATTCGCGA TCGCGAATGGCTCACCAAACTTAT 1115 CCTATTTCGGCGGACCTCGATGCC GGCATCGAGGTCCGCCGAAATAGG 1116 TTACCGGAATATGCACTTGGCCGC GCGGCCAAGTGCATATTCCGGTAA 1117 CCTCTCGGACGGTCCCTTTGATCG CGATCAAAGGGACCGTCCGAGAGG 1118 CAAGCGAATGCTGTATTACGGCCT AGGCCGTAATACAGCATTCGCTTG 1119 GCATTTCCCATGCCAGAACGTTGA TCAACGTTCTGGCATGGGAAATGC 1120 GTTTTGGCTAACCGTCCTGCCTTG CAAGGCAGGACGGTTAGCCAAAAC 1121 AGGTTTTGTCCGGGCGAATGATGT ACATCATTCGCCCGGACAAACC 1122 ATGTCCACGAGTGCGTCCGATATC GATATCGGCCGGACAAAACCT 1123 AGACGCGTACGAGGGTTCTGCGCC GGCGCAGAACCCTCGTGGACAT 1124 AATACCGTTCCCATCTGTGCGAGG CCTCGCACAGATGGGAACGGTCT 1125 ACACAAGGTGCCTCATCGAATGGT ACCATTCGATGAGGAACCCTTGTGT 1126 GCCGGCAAAATCCTACAAAATCCA TGGATTTTGTAGGATTTTGCCGGC 1127 CTTATCCCATGTGCCGGTCTGACT AGTCAGACCGGCACTTGTGT 1128 GCGGCCATAATGCATAGCACGGAA TTCCGTGGATCATTGGCCGC 1129 TACGGTGCATCGAGAGGATCATCGCC GGCGATGATCCTCGACATCTGGTG 1130 CACCAGATGTCGAGGATCATCGCC GGCGATGATCCTCGACATCTGGTG 1131 GCTCCTACGCCCAAAGAGGTATGG CCATACCTCTTTTGGGCGTC 1132 AGAATATGGGAGGATCATCGCC GGCGATGATCCTCGACATCTGGTG 1133 CTGCAGTCGCAGAGAGAACCCCG GGCGATGATCCTCGACATCTGGTG 1134 ATGTCCCTGACGGAATCTTTCCA TGGAAAGATTCCGGTGCGACTGCAG 1135 TTCGCCACGAGGAATCTTTCCA TGGAAAGATTCCGGTGCGACAT 1136 ACGTCGTTCCCGAGAATTCTTCCA TGGAAAGATTCCGGTGCGACAT 1137 ATCCGCTGGCGCATTAGCCACGAAAATTCTTCCACACATTTCTCA TGGAAAGATTCCGGGGAAAATTCCTCGAGAAATTCTTCCAAAAATCCA TGGAAAGATTCCGGTCGAGACACTC 1134 ATGTCCCTGACGGAATCTTTCCA TGGAAAGATTCCGGTCAGGGACAT 1135 TTCGCCACGAGGAATCTTTCCA TGGAAAGATTCCGGTCAGGGACAT 1136 ACGTCGTTCCCGAGAATACGGCCAAGAAAATTCCTCGACAATTCTTCCAGGAACAATTCCTCGAGAAAATTCCTCGACAATTCTTCCAGAAAAATTCCTCCAAAAATCCAAAATTCCAAAAATCCAAAATTCCTACAAAAATCCAAAATTCCAAAAATCCAAAATTCCTACAAAAATCCAAAATTCCTACAAAAATTCCAAAAATTCCAAAAATTCCAAAAATTCCAAAAATTCCAAAAATTCCAAAAAA	1112	AGGCGGGATACGTGGATGCTAGCC	GGCTAGCATCCACGTATCCCGCCT
1115 CCTATTTCGGCGGACCTCGATGCC GGCATCGAGGTCCGCCGAAATAGG 1116 TTACCGGATATGCACTTGGCCGC GCGGCCAAGTGCATATTCCGGTAA 1117 CCTCTCGGACGGTCCCTTTGATCG CGATCAAAGGGACCGTCCGAGAGG 1118 CAAGCGAATGCTGTATTACGGCCT AGGCCGTAATACAGCATTCGCTTG 1119 GCATTTCCCATGCCAGAACGTTGA TCAACGTTCTGGCATGGGAAATGC 1120 GTTTTGGCTAACCGTCCTGCCTTG CAAGGCAGGACGGTTAGCCAAAAC 1121 AGGTTTTGTCCGGGCGAATGATGT ACATCATTCGCCCGGACAAAACCT 1122 ATGTCCACGAGTGCGTCCGATATC GATATCGGCCGGACAAAACCT 1123 AGACGCGTACGAGGGGTTCTGCGCC GGCGCAGAACCCTCGTGGACAT 1124 AATACCGTTCCCATCTGTGCGACG CCTCGCACAGATGGGAACGGTCT 1125 ACACAAGGTGCCTCCATCGAATGGT ACCATTCGATGAGGACCCTTGTGT 1126 GCCGGCAAAATCCTACAAAATCCA TGGATTTTGTAGGATTTTGCCGGC 1127 CTTATCCCATGTGCCGGTCTGACT AGTCAGACCGGCACATAGGATAAG 1128 GCGGCCATAATGCATAGCACGGAA TTCCGTGCTATGACTAGAGGACCGTAAGGATAGGAT	1113	AAATTAGGCACAGCCCTCCCACAG	CTGTGGGAGGGCTGTGCCTAATTT
1116 TTACCGGAATATGCACTTGGCCGC GCGGCCAAGTGCATATTCCGGTAA 1117 CCTCTCGGACGGTCCCTTTGATCG CGATCAAAGGGACCGTCCGAGAGG 1118 CAAGCGAATGCTGTATTACGGCCT AGGCCGTAATACAGCATTCGCTTG 1119 GCATTTCCCATGCCAGAACGTTGA TCAACGTTCTGGCATGGGAAATGC 1120 GTTTTGGCTAACCGTCCTGCCTTG CAAGGCAGGACGGTTAGCCAAAAC 1121 AGGTTTTGTCCGGGCGAATGATGT ACATCATTCGCCCGGACAAAACCT 1122 ATGTCCACGAGTGCGTCCGATATC GATATCGGACGACACCTCGTGGACAT 1123 AGACGCGTACGAGGGTTCTGCGCC GGCGCACACACCCTCGTACGCGTCT 1124 AATACCGTTCCCATCTGTGCGACG CCTCGCACAGATGGGAACGGTATT 1125 ACACAAGGTGCCTCATCGAATGGT ACCATTCGATGAGGACCCTTTGTGT 1126 GCCGGCAAAATCCTACAAAATCCA TGGATTTTGAGGATTTTGCCGGC 1127 CTTATCCCATGTGCCGGTCTGACT AGTCAGACCGGCACATGGGATAAG 1128 GCGGCCATAATGCATAGCACGGAA TTCCGTGCTATGCATTAGGCCGC 1129 TACGGTGCATCGCAGTATGGGTAA TTACCCATACTGCGATGCACCGTA 1130 CACCAGATGTCGAGGATCATCGCC GGCGATGATCCTCGACATCTGGTG 1131 GCTCCTACGCCCAAAGAGTATGG 1132 AGAATATGGGCAGCAGCACCTC GAGTGCTGCCCATATTCT 1133 CTGCAGTCGCAGCAGCACCCC GAGTGCTCCCCATATTCT 1134 ATGTCCCTGACCGGAATCTTCCA TGGAAAGATTCCGCCGCACATATTCT 1135 TTCGCCACGAGACATTTTCCA TGGAAAGATTCCGCGCAAA 1136 ACGTCGTTCCCGAGAATACGGTCT AGACCCGTAATGCCTCGTGCGAACATTCTCAAAATTCCAAAATTCCAAAATTCCAAAATTCCAAAATTCCAAAATTCCAAAATTCCAAAATTCCAAAATTCCAAAATTCCAAAATTCCAAAATTCCAAAATTCCAAAATTCCAAAATTCCAAAATTCCAAAATTCCAAAATTCCAAAATTCCAAAATTCCAAAATTCCAAAATTCCAAAATTCCAAAATTCCAAAATTCCAAAATTCCAAAATTCCAAAATTCCAAAATTCCAAAATTCCAAAATTCCAAAAATTCCAAAATTCCAAAATTCCAAAATTCTCAAAAATTCCAAAATTCCAAAATTCCAAAATTCCAAAATTCCAAAATTCTTC	1114	ATAAGTTTGGTGAGCCATTCGCGA	TCGCGAATGGCTCACCAAACTTAT
1117 CCTCTCGGACGGTCCCTTTGATCG CGATCAAAGGGACCGTCCGAGAGG 1118 CAAGCGAATGCTGTATTACGGCCT AGGCCGTAATACAGCATTCGCTTG 1119 GCATTTCCCATGCCAGAACGTTGA TCAACGTTCTGGCATGGGAAATGC 1120 GTTTTGGCTAACCGTCCTGCCTTG CAAGGCAGGACGGTTAGCCAAAAC 1121 AGGTTTTGTCCGGGCGAATGATGT ACATCATTCGCCCGGACAAAACCT 1122 ATGTCCACGAGTGCGTCCGATATC GATATCGGACGCACTCGTGGACAT 1123 AGACGCGTACGAGGGTTCTGCGCC GGCGCAGAACCCTCGTACGCGTCT 1124 AATACCGTTCCCATCTGTGCGAGG CCTCGCACAGATGGGAACCGTCTT 1125 ACACAAGGTGCCTCATCGAATGGT ACCATTCGATGAGGCACCTTTGTGT 1126 GCCGGCAAAATCCTACAAAATCCA TGGATTTTGAGGATTTTGCCGGC 1127 CTTATCCCATGTGCCGGTCTGACT AGTCAGACCGGCACATGGGATAAG 1128 GCGGCCATAATGCATAGCACGGAA TTCCGTGCTATGCATTATGGCCGC 1129 TACGGTGCATCGCAGTATGGGTAA TTACCCATACTGCATGAGCACCGTA 1130 CACCAGATGTCGAGGATCATCGCC GGCGATGATCCTCGACATCTGTG 1131 GCTCCTACGCCCAAAAGGGTATGG CCATACCTCTTTGGGCGAGCC 1132 AGAATATGGGCAGCAGCACCC GGCGATGATCCTCGACATCTTCT 1133 CTGCAGTCGCAGCAGCAGCACTC GAGTGCTGCCCATATTCT 1134 ATGTCCCTGACCGGAATCTTTCCA TGGAAAGATTCCGCCCATATTCT 1135 TTCGCCACGAGACACTCTCAGAAAATCCA TGGAAAATCCTCGCGACACTTCCACACTTTCT 1136 ACGTCGTTCCCGAGAATACCCGC GTCGGACTAATGCCTCGTGCGAAA 1136 ACGTCGTTCCCGAGAATACCGGTCT AGACCGTATTCCTCGGGAACCACTTTCACTCCGACAAATTCTTCCACACACA	1115	CCTATTTCGGCGGACCTCGATGCC	GGCATCGAGGTCCGCCGAAATAGG
1118 CAAGCGAATGCTGTATTACGGCCT AGGCCGTAATACAGCATTCGCTTG 1119 GCATTTCCCATGCCAGAACGTTGA TCAACGTTCTGGCATGGGAAATGC 1120 GTTTTGGCTAACCGTCCTGCCTTG CAAGGCAGGACGGTTAGCCAAAAC 1121 AGGTTTTGTCCGGGCGAATGATGT ACATCATTCGCCCGGACAAAACCT 1122 ATGTCCACGAGTGCGTCCGATATC GATATCGGCCACACCTCGTGGACAT 1123 AGACGCGTACGAGGGTTCTGCGCC GGCGAGAACCCTCGTACGCGTCT 1124 AATACCGTTCCCATCTGTGCGAGG CCTCGCACAGATGGGAACGGTATT 1125 ACACAAGGTGCCTCATCGAATGGT ACCATTCGATGAGGAACCGTTGTGT 1126 GCCGGCAAAATCCTACAAAATCCA TGGATTTTGAGGATTTTGCCGGC 1127 CTTATCCCATGTGCCGGTCTGACT AGTCAGACCGGCACATGGGATAAG 1128 GCGGCCATAATGCATAGCACGGAA TTCCGTGCTATGCATTATGGCCGC 1129 TACGGTGCATCGCAGTATGGGTAA TTACCCATACTGCGATGCACCGTA 1130 CACCAGATGTCGAGGATCATCGCC GGCGATGATCCTCGACATCTGGTG 1131 GCTCCTACGCCCAAAGAGGTATGG CCATACCTCTTTGGGCGTAGGAGC 1132 AGAATATGGGCAGCAGCACCCC GGCGATGATCCTCGACATCTGGTG 1133 CTGCAGTCGCACGCAGTAGACCCG CGGGTCTACTGCCCCATATTCT 1134 ATGTCCCTGACCGGAATCTTCCA TGGAAAGATTCCGCTGCGACATTCTT 1135 TTCGCCACGGAAATCTTCCA TGGAAAGATTCCGGTGCGACAT 1136 ACGTCGTTCCCGAGAATACGGTCT AGACCGTATTCTCGGGAACACCGTA 1137 ATCCGCTGGCGCTTTGACGAAGAA TTCTTCCGCGGGAACCACCGTA 1137 ATCCGCTGGCGCTTTGACGAAGAA TTCTTCCACACGCGGAAATTTCTCACACACATTTCTCACACACA	1116	TTACCGGAATATGCACTTGGCCGC	GCGGCCAAGTGCATATTCCGGTAA
1119 GCATTTCCCATGCCAGAACGTTGA TCAACGTTCTGGCATGGGAAATGC 1120 GTTTTGGCTAACCGTCCTGCCTTG CAAGGCAGGACGGTTAGCCAAAAC 1121 AGGTTTTGTCCGGGCGAATGATGT ACATCATTCGCCCGGACAAAACCT 1122 ATGTCCACGAGTGCGTCCGATATC GATATCGGACGACTCGTGGACAT 1123 AGACGCGTACGAGGGTTCTGCGCC GGCGCAGAACCCTCGTACGCGTCT 1124 AATACCGTTCCCATCTGTGCGAGG CCTCGCACAGATGGGAACGGTATT 1125 ACACAAGGTGCCTCATCGAATGGT ACCATTCGATGAGGCACCTTGTGT 1126 GCCGGCAAAATCCTACAAAATCCA TGGATTTTGCCGGC 1127 CTTATCCCATGTGCCGGTCTGACT AGTCAGACCGGCACATGGGATAAG 1128 GCGGCCATAATGCATAGCACGGAA TTCCGTGCTATGCATTATGCCGC 1129 TACGGTGCATCGCAGTATGGGTAA TTACCCATACTGCACTATATGCCCGC 1130 CACCAGATGTCGAGGATCATCGCC GGCGATGATCCTCGACATCTGGTG 1131 GCTCCTACGCCCAAAGAGGTATGG 1132 AGAATATGGGCAGCAGCACCTC GAGTGCTGCCCATATTCT 1133 CTGCAGTCGCAGCAGCAGCACCC CGGGTCTACTGCGTGCGACTGCAG 1134 ATGTCCCTGACCAGAATCTTCCA TGGAAAGATTCCGGTCGACATCTGTATGCAGACTGCAGAATTCTTCATCATCAGACCGGAAATTCCAGAAAATCCAAAATCCAAAATCCAAAATCCAAAATCCAAAATCCAAAATCCAAAATCCAAAATCCAAAATCCAAAATCCAAAATCCAAAATCCAAAATCCAAAATCCAAAATCCAAAATCCAAAATCCAAAATCCAAAATCCAAAATCCAAAATCCAAAATCCAAAATCCAAAATCCAAAATCCAAAATCCAAAATCCAAAATCCAAAAATCCAAAAATCCAAAATCCAAAATCCAAAATCCAAAATCCAAAAATCCAAAATCCAAAAATCCAAAATCCAAAAATCCAAAAATCCAAAAATCCAAAAAA	1117	CCTCTCGGACGGTCCCTTTGATCG	CGATCAAAGGGACCGTCCGAGAGG
1120 GTTTTGGCTAACCGTCCTGCCTTG CAAGGCAGGACGGTTAGCCAAAACC 1121 AGGTTTTGTCCGGGCGAATGATGT ACATCATTCGCCCGGACAAAACCT 1122 ATGTCCACGAGTGCGTCCGATATC GATATCGGACGACTCGTGGACAT 1123 AGACGCGTACGAGGGTTCTGCGCC GGCGCAGAACCCTCGTACGCGTCT 1124 AATACCGTTCCCATCTGTGCGAGG CCTCGCACAGATGGGAACCGTTGTGT 1125 ACACAAGGTGCCTCATCGAATGGT ACCATTCGATGAGGCACCTTGTGT 1126 GCCGGCAAAATCCTACAAAATCCA TGGATTTTGTAGGATTTTGCCGGC 1127 CTTATCCCATGTGCCGGTCTGACT AGTCAGACCGGCACATGGGATAAG 1128 GCGGCCATAATGCATAGCACGGAA TTCCGTGCTATGCATTATGGCCGC 1129 TACGGTGCATCGCAGTATGGGTAA TTACCCATACTGCGATGCACCGTA 1130 CACCAGATGTCGAGGATCATCGCC GGCGATGATCCTCGACATCTGGTG 1131 GCTCCTACGCCCAAAGAGGTATGG CCATACCTCTTTGGGCGTAGGAGC 1132 AGAATATGGGCAGCAGCACTC GAGTGCTGCTGCCCATATTCT 1133 CTGCAGTCGCACGAGCAGCACCC CGGGTCTACTGCGTGCCCATATTCT 1134 ATGTCCCTGACCGGAATCTTTCCA TGGAAAGATTCCGGTCAGGACAT 1135 TTCGCCACGAGACATCTTCCA TGGAAAGATTCCGGTCAGGAACAT 1136 ACGTCGTTCCCGAGAATACGGTCT AGACCGTATTCTCGGTCAGGGACAT 1137 ATCCGCTGCCGCTTTGACGAAAATTCTTCCACACAAATTCTTCACGCCGGAAATTCTTCCACAAATTCTTCCACAAATTCTTCCACAAATTCCCGGTCAGGAACACGTTTTCCAACGCCCAAAATACCGCTCAGGAACACACGT AGACCGTATTCTCGGGAACAAATTCCCGGAAAATACGGTCT AGACCGTATTCTCGGGAACAACGACGT ATCCCCGGGAACCACCGAATACCGCTCAGGAACACACGT AGACCGTATTCTCGGGAACAAATTCCCGCGGAAAATTCTTCCGGTCAAAGAATTTCGGTTCAAAGCCCCAGCGGAT 1137 ATCCGCTGGCGCCTTTGACGAAGAA TTCTTCCGCTGAAAAATTTTGGTTCA	1118	CAAGCGAATGCTGTATTACGGCCT	AGGCCGTAATACAGCATTCGCTTG
1121 AGGTTTTGTCCGGGCGAATGATGT ACATCATTCGCCCGGACAAAACCT 1122 ATGTCCACGAGTGCGTCCGATATC GATATCGGCCCACACTCGTGGACAT 1123 AGACGCGTACGAGGGTTCTGCGCC GGCGCAGAACCCTCGTACGCGTCT 1124 AATACCGTTCCCATCTGTGCGAGG CCTCGCACAGATGGGAACGGTATT 1125 ACACAAGGTGCCTCATCGAATGGT ACCATTCGATGAGGCACCTTGTGT 1126 GCCGGCAAAATCCTACAAAATCCA TGGATTTTGTAGGATTTTGCCGGC 1127 CTTATCCCATGTGCCGGTCTGACT AGTCAGACCGGCACATGGGATAAG 1128 GCGGCCATAATGCATAGCACGGAA TTCCGTGCTATGCATTATGGCCGC 1129 TACGGTGCATCGCAGTATGGGTAA TTACCCATACTGCATTATGGCCGC 1130 CACCAGATGTCGAGGATCATCGCC GGCGATGATCCTCGACATCTGGTG 1131 GCTCCTACGCCCAAAGAGGTATGG CCATACCTCTTTTGGGCGTAGGAGC 1132 AGAATATGGGCAGCAGCACCTC GAGTGCTGCTGCCCATATTCT 1133 CTGCAGTCGCACGCAGCAGCACCC CGGGTCTACTGCGTGCGACTGCAG 1134 ATGTCCCTGACCGGAATCTTTCCA TGGAAAGATTCCGGTCAGGACCAT 1135 TTCGCCACGAGAATCTTTCCA TGGAAAGATTCCGGTCAGGAACAT 1136 ACGTCGTTCCCGAGAATACGGTCT AGACCGTAATTCTCGGGAACGACGT 1137 ATCCGCTGGCGCTTTGACGAAGAA TTCTTCGTCAAAGCGCCAGCGGAT 1138 TGAACCAAATTCTTACCGCGTGGA TCCACGCGGTAAGAATTTTGGTTCA	1119	GCATTTCCCATGCCAGAACGTTGA	TCAACGTTCTGGCATGGGAAATGC
1122 ATGTCCACGAGTGCGTCCGATATC GATATCGGACGCACTCGTGGACAT 1123 AGACGCGTACGAGGGTTCTGCGCC GGCGCAGAACCCTCGTACGCGTCT 1124 AATACCGTTCCCATCTGTGCGAGG CCTCGCACAGATGGGAACGGTATT 1125 ACACAAGGTGCCTCATCGAATGGT ACCATTCGATGAGGCACCTTGTGT 1126 GCCGGCAAAATCCTACAAAATCCA TGGATTTTGTAGGATTTTGCCGGC 1127 CTTATCCCATGTGCCGGTCTGACT AGTCAGACCGGCACATGGGATAAG 1128 GCGGCCATAATGCATAGCACGGAA TTCCGTGCTATGCATTATGGCCGC 1129 TACGGTGCATCGCAGTATGGGTAA TTACCCATACTGCGATGCACCGTA 1130 CACCAGATGTCGAGGATCATCGCC GGCGATGATCCTCGACATCTGGTG 1131 GCTCCTACGCCCAAAGAGGTATGG CCATACCTCTTTGGGCGTAGGAGC 1132 AGAATATGGGCAGCAGCACCC GAGTGCTGCCCATATTCT 1133 CTGCAGTCGCAGCAGCAGCACCC CGGGTCTACTGCGTGCGACTTCCAG 1134 ATGTCCCTGACCGGAATCTTTCCA TGGAAAGATTCCGGTCAGGACAT 1135 TTCGCCACGAGGAATCTTTCCA TGGAAAGATTCCGTCGCGAA 1136 ACGTCGTTCCCGAGAATACGGTCT AGACCGTATTCTCGGGGAACGACGT 1137 ATCCGCTGGCGCTTTGACGAAGAA TTCTTCGTCAAAGCGCCAGCGGAT 1138 TGAACCAAATTCTTACCGCGTGGA TCCACGCGGTAAGAATTTGGTTCA	1120	GTTTTGGCTAACCGTCCTGCCTTG	CAAGGCAGGACGGTTAGCCAAAAC
1123 AGACGCGTACGAGGGTTCTGCGCC GGCGCAGAACCCTCGTACGCGTCT 1124 AATACCGTTCCCATCTGTGCGAGG CCTCGCACAGATGGAACGGTATT 1125 ACACAAGGTGCCTCATCGAATGGT ACCATTCGATGAGGCACCTTGTGT 1126 GCCGGCAAAATCCTACAAAATCCA TGGATTTTGTAGGATTTTGCCGGC 1127 CTTATCCCATGTGCCGGTCTGACT AGTCAGACCGGCACATGGGATAAG 1128 GCGGCCATAATGCATAGCACGGAA TTCCGTGCTATGCATTATGGCCGC 1129 TACGGTGCATCGCAGTATGGGTAA TTACCCATACTGCGATGCACCGTA 1130 CACCAGATGTCGAGGATCATCGCC GGCGATGATCCTCGACATCTGGTG 1131 GCTCCTACGCCCAAAGAGGTATGG CCATACCTCTTTGGGCGTAGGAGC 1132 AGAATATGGGCAGCAGCACTC GAGTGCTGCTGCCCATATTCT 1133 CTGCAGTCGCACGCAGTAGACCCG CGGGTCTACTGCTGCGACTGCAG 1134 ATGTCCCTGACCGGAATCTTTCCA TGGAAAGATTCCGGTCAGGACAT 1135 TTCGCCACGAGGCATTAGTCCGAC GTCGGACTAATGCCTCGTGGCGAA 1136 ACGTCGTTCCCGAGAATACGGTCT AGACCGTATTCTCGGGAACGACGT 1137 ATCCGCTGGCGCTTTGACGAAGAA TTCTTCGTCAAAGCGCCAGCGGAT 1138 TGAACCAAATTCTTACCGCGTGGA TCCACGCGGTAAGAATTTGGTTCA	1121	AGGTTTTGTCCGGGCGAATGATGT	ACATCATTCGCCCGGACAAACCT
1124 AATACCGTTCCCATCTGTGCGAGG CCTCGCACAGATGGGAACGGTATT 1125 ACACAAGGTGCCTCATCGAATGGT ACCATTCGATGAGGCACCTTGTGT 1126 GCCGGCAAAATCCTACAAAATCCA TGGATTTTGTAGGATTTTGCCGGC 1127 CTTATCCCATGTGCCGGTCTGACT AGTCAGACCGGCACATGGGATAAG 1128 GCGGCCATAATGCATAGCACGGAA TTCCGTGCTATGCATTATGGCCGC 1129 TACGGTGCATCGCAGTATGGGTAA TTACCCATACTGCGATGCACCGTA 1130 CACCAGATGTCGAGGATCATCGCC GGCGATGATCCTCGACATCTGGTG 1131 GCTCCTACGCCCAAAGAGGTATGG CCATACCTCTTTGGGCGTAGGAGC 1132 AGAATATGGGCAGCAGCACCCC GAGTGCTGCTGCCCATATTCT 1133 CTGCAGTCGCACGCAGTAGACCCG CGGGTCTACTGCGTGCGACTGCAG 1134 ATGTCCCTGACCGGAATCTTTCCA TGGAAAGATTCCGGTCAGGGACAT 1135 TTCGCCACGAGGCATTAGTCCGAC GTCGGACTAATGCCTCGTGGCGAA 1136 ACGTCGTTCCCGAGAATACGGTCT AGACCGTATTCTCGGGAACGACGT 1137 ATCCGCTGGCGCTTTGACGAAGAA TTCTTCGTCAAAGCGCCAGCGGAT 1138 TGAACCAAATTCTTACCGCGTGGA TCCACGCGGTAAGAATTTGGTTCA	1122	ATGTCCACGAGTGCGTCCGATATC	GATATCGGACGCACTCGTGGACAT
1125 ACACAAGGTGCCTCATCGAATGGT ACCATTCGATGAGGCACCTTGTGT 1126 GCCGGCAAAATCCTACAAAATCCA TGGATTTTGTAGGATTTTGCCGGC 1127 CTTATCCCATGTGCCGGTCTGACT AGTCAGACCGGCACATGGGATAAG 1128 GCGGCCATAATGCATAGCACGGAA TTCCGTGCTATGCATTATGGCCGC 1129 TACGGTGCATCGCAGTATGGGTAA TTACCCATACTGCGATGCACCGTA 1130 CACCAGATGTCGAGGATCATCGCC GGCGATGATCCTCGACATCTGGTG 1131 GCTCCTACGCCCAAAGAGGTATGG CCATACCTCTTTGGGCGTAGGAGC 1132 AGAATATGGGCAGCAGCACCTC GAGTGCTGCTGCCCATATTCT 1133 CTGCAGTCGCACGCAGTAGACCCG CGGGTCTACTGCGTGCGACTGCAG 1134 ATGTCCCTGACCGGAATCTTTCCA TGGAAAGATTCCGGTCAGGACAT 1135 TTCGCCACGAGGCATTAGTCCGAC GTCGGACTAATGCCTCGTGGCGAA 1136 ACGTCGTTCCCGAGAATACGGTCT AGACCGTATTCTCGGGAACGACGT 1137 ATCCGCTGGCGCTTTGACGAAGAA TTCTTCGTCAAAGCGCCAGCGGAT 1138 TGAACCAAATTCTTACCGCGTGGA	1123	AGACGCGTACGAGGGTTCTGCGCC	GGCGCAGAACCCTCGTACGCGTCT
1126 GCCGCAAAATCCTACAAAATCCA TGGATTTTGTAGGATTTTGCCGGC 1127 CTTATCCCATGTGCCGGTCTGACT AGTCAGACCGGCACATGGGATAAG 1128 GCGGCCATAATGCATAGCACGGAA TTCCGTGCTATGCATTATGGCCGC 1129 TACGGTGCATCGCAGTATGGGTAA TTACCCATACTGCGATGCACCGTA 1130 CACCAGATGTCGAGGATCATCGCC GGCGATGATCCTCGACATCTGGTG 1131 GCTCCTACGCCCAAAGAGGTATGG CCATACCTCTTTGGGCGTAGGAGC 1132 AGAATATGGGCAGCAGCACTC GAGTGCTGCTGCTGCCCATATTCT 1133 CTGCAGTCGCACGCAGTAGACCCG CGGGTCTACTGCGTGCGACTGCAG 1134 ATGTCCCTGACCGGAATCTTTCCA TGGAAAGATTCCGGTCAGGACAT 1135 TTCGCCACGAGGCATTAGTCCGAC GTCGGACTAATGCCTCGTGGCGAA 1136 ACGTCGTTCCCGAGAATACGGTCT AGACCGTATTCTCGGGAACGACGT 1137 ATCCGCTGGCGCTTTGACGAAGAA TTCTTCGTCAAAGCGCCAGCGGAT 1138 TGAACCAAATTCTTACCGCGTGGA	1124	AATACCGTTCCCATCTGTGCGAGG	CCTCGCACAGATGGGAACGGTATT
1127 CTTATCCCATGTGCCGGTCTGACT AGTCAGACCGGCACATGGGATAAG 1128 GCGGCCATAATGCATAGCACGGAA TTCCGTGCTATGCATTATGGCCGC 1129 TACGGTGCATCGCAGTATGGGTAA TTACCCATACTGCGATGCACCGTA 1130 CACCAGATGTCGAGGATCATCGCC GGCGATGATCCTCGACATCTGGTG 1131 GCTCCTACGCCCAAAGAGGTATGG CCATACCTCTTTGGGCGTAGGAGC 1132 AGAATATGGGCAGCAGCACCC GAGTGCTGCTGCCCATATTCT 1133 CTGCAGTCGCACGCAGTAGACCCG CGGGTCTACTGCGTGCGACTGCAG 1134 ATGTCCCTGACCGGAATCTTTCCA TGGAAAGATTCCGGTCAGGGACAT 1135 TTCGCCACGAGGCATTAGTCCGAC GTCGGACTAATGCCTCGTGGCGAA 1136 ACGTCGTTCCCGAGAATACGGTCT AGACCGTATTCTCGGGAACGACGT 1137 ATCCGCTGGCGCTTTGACGAAGAA TTCTTCGTCAAAGCGCCAGCGGAT 1138 TGAACCAAATTCTTACCGCGTGGA TCCACGCGGTAAGAATTTGGTTCA	1125	ACACAAGGTGCCTCATCGAATGGT	ACCATTCGATGAGGCACCTTGTGT
1128 GCGCCATAATGCATAGCACGGAA TTCCGTGCTATGCATTATGGCCGC 1129 TACGGTGCATCGCAGTATGGGTAA TTACCCATACTGCGATGCACCGTA 1130 CACCAGATGTCGAGGATCATCGCC GGCGATGATCCTCGACATCTGGTG 1131 GCTCCTACGCCCAAAGAGGTATGG CCATACCTCTTTGGGCGTAGGAGC 1132 AGAATATGGGCAGCAGCACTC GAGTGCTGCTGCCCATATTCT 1133 CTGCAGTCGCACGCAGTAGACCCG CGGGTCTACTGCGTGCGACTGCAG 1134 ATGTCCCTGACCGGAATCTTTCCA TGGAAAGATTCCGGTCAGGGACAT 1135 TTCGCCACGAGGCATTAGTCCGAC GTCGGACTAATGCCTCGTGGCGAA 1136 ACGTCGTTCCCGAGAATACGGTCT AGACCGTATTCTCGGGAACGACGT 1137 ATCCGCTGGCGCTTTGACGAAGAA TTCTTCGTCAAAGCGCCAGCGGAT 1138 TGAACCAAATTCTTACCGCGTGGA TCCACGCGGTAAGAATTTGGTTCA	1126	GCCGGCAAAATCCTACAAAATCCA	TGGATTTTGTAGGATTTTGCCGGC
1129 TACGGTGCATCGCAGTATGGGTAA TTACCCATACTGCGATGCACCGTA 1130 CACCAGATGTCGAGGATCATCGCC GGCGATGATCCTCGACATCTGGTG 1131 GCTCCTACGCCCAAAGAGGTATGG CCATACCTCTTTGGGCGTAGGAGC 1132 AGAATATGGGCAGCAGCACTC GAGTGCTGCTGCCCATATTCT 1133 CTGCAGTCGCACGCAGTAGACCCG CGGGTCTACTGCGTGCGACTGCAG 1134 ATGTCCCTGACCGGAATCTTTCCA TGGAAAGATTCCGGTCAGGGACAT 1135 TTCGCCACGAGGCATTAGTCCGAC GTCGGACTAATGCCTCGTGGCGAA 1136 ACGTCGTTCCCGAGAATACGGTCT AGACCGTATTCTCGGGAACGACGT 1137 ATCCGCTGGCGCTTTGACGAAGAA TTCTTCGTCAAAGCGCCAGCGGAT 1138 TGAACCAAATTCTTACCGCGTGGA TCCACGCGGTAAGAATTTGGTTCA	1127	CTTATCCCATGTGCCGGTCTGACT	AGTCAGACCGGCACATGGGATAAG
1130 CACCAGATGTCGAGGATCATCGCC GGCGATGATCCTCGACATCTGGTG 1131 GCTCCTACGCCCAAAGAGGTATGG CCATACCTCTTTGGGCGTAGGAGC 1132 AGAATATGGGCAGCAGCACTC GAGTGCTGCTGCCCATATTCT 1133 CTGCAGTCGCACGCAGTAGACCCG CGGGTCTACTGCGTGCGACTGCAG 1134 ATGTCCCTGACCGGAATCTTTCCA TGGAAAGATTCCGGTCAGGGACAT 1135 TTCGCCACGAGGCATTAGTCCGAC GTCGGACTAATGCCTCGTGGCGAA 1136 ACGTCGTTCCCGAGAATACGGTCT AGACCGTATTCTCGGGAACGACGT 1137 ATCCGCTGGCGCTTTGACGAAGAA TTCTTCGTCAAAGCGCCAGCGGAT 1138 TGAACCAAATTCTTACCGCGTGGA TCCACGCGGTAAGAATTTGGTTCA	1128	GCGGCCATAATGCATAGCACGGAA	TTCCGTGCTATGCATTATGGCCGC
1131 GCTCCTACGCCCAAAGAGGTATGG CCATACCTCTTTGGGCGTAGGAGC 1132 AGAATATGGGCAGCAGCACTC GAGTGCTGCTGCCCATATTCT 1133 CTGCAGTCGCACGCAGTAGACCCG CGGGTCTACTGCGTGCGACTGCAG 1134 ATGTCCCTGACCGGAATCTTTCCA TGGAAAGATTCCGGTCAGGGACAT 1135 TTCGCCACGAGGCATTAGTCCGAC GTCGGACTAATGCCTCGTGGCGAA 1136 ACGTCGTTCCCGAGAATACGGTCT AGACCGTATTCTCGGGAACGACGT 1137 ATCCGCTGGCGCTTTGACGAAGAA TTCTTCGTCAAAGCGCCAGCGGAT 1138 TGAACCAAATTCTTACCGCGTGGA TCCACGCGGTAAGAATTTGGTTCA	1129	TACGGTGCATCGCAGTATGGGTAA	TTACCCATACTGCGATGCACCGTA
1132 AGAATATGGGCAGCAGCACTC GAGTGCTGCTGCCCATATTCT 1133 CTGCAGTCGCACGCAGTAGACCCG CGGGTCTACTGCGTGCGACTGCAG 1134 ATGTCCCTGACCGGAATCTTTCCA TGGAAAGATTCCGGTCAGGGACAT 1135 TTCGCCACGAGGCATTAGTCCGAC GTCGGACTAATGCCTCGTGGCGAA 1136 ACGTCGTTCCCGAGAATACGGTCT AGACCGTATTCTCGGGAACGACGT 1137 ATCCGCTGGCGCTTTGACGAAGAA TTCTTCGTCAAAGCGCCAGCGGAT 1138 TGAACCAAATTCTTACCGCGTGGA TCCACGCGGTAAGAATTTGGTTCA	1130	CACCAGATGTCGAGGATCATCGCC	GGCGATGATCCTCGACATCTGGTG
1133 CTGCAGTCGCACGCAGTAGACCCG CGGGTCTACTGCGTGCGACTGCAG 1134 ATGTCCCTGACCGGAATCTTTCCA TGGAAAGATTCCGGTCAGGGACAT 1135 TTCGCCACGAGGCATTAGTCCGAC GTCGGACTAATGCCTCGTGGCGAA 1136 ACGTCGTTCCCGAGAATACGGTCT AGACCGTATTCTCGGGAACGACGT 1137 ATCCGCTGGCGCTTTGACGAAGAA TTCTTCGTCAAAGCGCCAGCGGAT 1138 TGAACCAAATTCTTACCGCGTGGA TCCACGCGGTAAGAATTTGGTTCA	1131	GCTCCTACGCCCAAAGAGGTATGG	CCATACCTCTTTGGGCGTAGGAGC
1134 ATGTCCCTGACCGGAATCTTTCCA TGGAAAGATTCCGGTCAGGGACAT 1135 TTCGCCACGAGGCATTAGTCCGAC GTCGGACTAATGCCTCGTGGCGAA 1136 ACGTCGTTCCCGAGAATACGGTCT AGACCGTATTCTCGGGAACGACGT 1137 ATCCGCTGGCGCTTTGACGAAGAA TTCTTCGTCAAAGCGCCAGCGGAT 1138 TGAACCAAATTCTTACCGCGTGGA TCCACGCGGTAAGAATTTGGTTCA	1132	AGAATATGGGCAGCAGCACTC	GAGTGCTGCTGCCCATATTCT
1135 TTCGCCACGAGGCATTAGTCCGAC GTCGGACTAATGCCTCGTGGCGAA 1136 ACGTCGTTCCCGAGAATACGGTCT AGACCGTATTCTCGGGAACGACGT 1137 ATCCGCTGGCGCTTTGACGAAGAA TTCTTCGTCAAAGCGCCAGCGGAT 1138 TGAACCAAATTCTTACCGCGTGGA TCCACGCGGTAAGAATTTGGTTCA	1133	CTGCAGTCGCACGCAGTAGACCCG	CGGGTCTACTGCGTGCGACTGCAG
1136 ACGTCGTTCCCGAGAATACGGTCT AGACCGTATTCTCGGGAACGACGT 1137 ATCCGCTGGCGCTTTGACGAAGAA TTCTTCGTCAAAGCGCCAGCGGAT 1138 TGAACCAAATTCTTACCGCGTGGA TCCACGCGGTAAGAATTTGGTTCA	1134	ATGTCCCTGACCGGAATCTTTCCA	TGGAAAGATTCCGGTCAGGGACAT
1137 ATCCGCTGGCGCTTTGACGAAGAA TTCTTCGTCAAAGCGCCAGCGGAT 1138 TGAACCAAATTCTTACCGCGTGGA TCCACGCGGTAAGAATTTGGTTCA	1135	TTCGCCACGAGGCATTAGTCCGAC	GTCGGACTAATGCCTCGTGGCGAA
1138 TGAACCAAATTCTTACCGCGTGGA TCCACGCGGTAAGAATTTGGTTCA	1136	ACGTCGTTCCCGAGAATACGGTCT	AGACCGTATTCTCGGGAACGACGT
	1137	ATCCGCTGGCGCTTTGACGAAGAA	TTCTTCGTCAAAGCGCCAGCGGAT
1139 CACGCGTAGGCTGGTGTCATTC GAATGACACCAGCCTACGCGTG	1138	TGAACCAAATTCTTACCGCGTGGA	TCCACGCGGTAAGAATTTGGTTCA
	1139	CACGCGTAGGCTGGTGTCATTC	GAATGACACCAGCCTACGCGTG



1140 TCGATCCGCGATCTGGCCTATTG 1141 GGAACACTCAACCACCGTGGATCT 1142 TCACACACCACTGGCCACAGATG 1142 TCACACACCACTGGCCACAGATG 1143 TGTGCTTAGGACACCAGGCAACCC 1144 GACATTTAACCCGACCAGTGTGCC 1145 GGCACCGAGCCACCC 1146 GCACCGAGCCACGATTGTGC 1146 GCACCGAGCCACGTTGTGC 1147 AGGAAGCCCAGTGTGTACCA 1147 AGGAAGCCACCAGTGTGTACCA 1148 TCCCTAACGCCACTGTACCA 1149 TACCAACCGCACTGTAGCCTTCGA 1140 TCCAACCGCCACTGTAGCCTTCGA 1141 TACCAACGCCACATGTTGGTAACCA 1141 TCCAACCGCCACATGTTGGTAACCA 1142 TCCAACCGCCACATGTTGGTAACCA 1143 TGGCATCACATGTTCG 1144 TACGAACGCCAAGGTTATCC 1145 TACCAACGCCCAAGGTTATCC 1146 TACCAACGCCCAAGGTTATCC 1147 AGGAAGGCCACACATCCAATATTCG 1148 TACCAACGCCAAGGTTATGCCAAT 1150 CGCACCAGAGTTATGCCACAT 1150 CGCACCAGAGTTATGCAGGCTCAA 1151 CCAGCTTGGACGAGGAAAGGATGTG 1151 CCAGCTTTGCACAGAGCACCAA 1152 GTCACGCCTTTCAAATGACCCACA 1153 TGCTAGACCCAGAGCAGCAGCCCAA 1154 TATTGTGGCACTTACAATGACCCACA 1155 TGCTAGACCCAGACCCGAGTCTCGG 1155 CACGTGTGAGCACCCGAAGTCCTCGG 1156 CGGCCCTCATCCTCAAGCACCCGT 1157 GGCAGCCCTGAGCCCCAAGTCCTCGG 1158 CGGTCCGTCCATCCTTCAAGAGCACCGT 1158 CGGTCCGTCCATCCTTCAGAGTTA 1160 ACCTGTGCAGCACCGTA 1160 ACCTGTGCAGCACCCTA 1161 GAGAACCACAGAGTGCC 1161 CACACCTGGAGCCCTACGCAGTTT 1162 CCTCGCTAGAGAAATCCACGGGAT 1161 GAGAACCACAGGTGCCCCTA 1162 CCTCGCTAGAGAAATCCACGGGAT 1163 TAACATCGGGGACCCTACGCAGTTTC 1164 ACCCAGAAGACACCGGGGCC 1165 CCGCCACCGGGTTTCCACCCTA 1166 CACAGTGTCACCCCAA 1167 CCGCCACAAGAGAATCCCCGCG 1168 TAACATCGGTGCCACCCCTA 1169 CCCCCCCAAGTGCCCCCCCCCCCCCCCCCCCCCCCCCCC			
1142 TCACACACCAACTGGCCACAGATG 1143 TGTGCTTAGGACACCAGGCAACCC GGGTTGCCTGGTGTCCTAAGCACA 1144 GACATTTAACCCGACCGATTGTGC GCACAATCGGTCGGGTTAAATGTC 1145 GGCACCGAGCCATGTGGC GCACAATCGGTCGGGTTAAATGTC 1146 CTCAAGCGTGCATGTTGGTAACCA TCAGAGGCCTACTGGCTCGTGGCC 1146 CTCAAGCGTCATGTTGGTAACCA TGGTTACCAACATGCACGCTTGAGG 1147 AGGAAGGCCACCATCTATTCG CGAATATTGGATGGTGGCCTTCCT 1149 TACGAACGCCAAGGTTATGCCAAT ATTGGCATAACCTTGGCGTTCGTA 1150 CGCACCAGAGTTATGCAGAT ATTGGCATAACCTTGGCGTTCGTA 1151 CCAGCTTGGACGAGGAAGAGATGTG CACATCCTTCCTCCTCCAACGTTGGC 1152 GTCACGCCTTTCAAATGACCCACA TGTGGGTCATTACAACATCTGGTGCG 1153 TGCTAGACCCAGCAGGAGAGAGGATGTG CACATCCTTCCTCCTCCAACGTGG 1154 TATTGTGGCACTTGAGAGCCCGAGTCTCGG CGGAGACTCGGGCTGGGTCAACACATGAGACTTGGACCCACACATA 1155 CACGTGTGAGACCCGGAGTCTCGG CGGAGACTCGGGCTGGGTCAACACACACACACACACACAC	1140	TCGATCCCGCGATCTGGCCTATTG	CAATAGGCCAGATCGCGGGATCGA
1143 TGTGCTTAGGACACCAGGCAACCC 1144 GACATTTAACCCGACCGATTGTGC 1145 GGCACCGAGCCGATTGTGC 1146 GCACCGAGCCAGTAGGCCTCTGA 1147 AGGAAGGCCACCATTGTGCATCAGCACCATTGAGCTCGGTGCC 1148 TCAAGCGTGCATGTTGGTAACCA 1147 AGGAAGGCCACCATCAATATTCG 1149 TACGAACGCCACCATCAATATTCG 1149 TACGAACGCCAAGGTTATGCCAAT 1150 CGCACCAGAGTTATGCCAAT 1151 CCAGCTTGAGACGACTCAATATTCGACCTTTGAGCTTCGTA 1151 CCAGCTTGAGACGAGGAGAGGATGTG 1152 GTCACGCCTTTCAAATGACCCACA 1153 TGCTAGACCCAGAGGAGAGGATGTG 1154 TATTGTGGCACGAGCCGAGTCTCGG 1155 CACGTTGAGACCCAGCCGAGTCTCGG 1156 CACGTTGAGACCCAACA 1157 GGCAGCCTGATGCATCACTCGGTCCACACT 1158 CGGTCCGTCAACCCTGGACCCAAGTCCACCACT 1159 CTATTCGCGGACCCAAGGCCCGAGTTC 1150 CACGTTGAGACCCGAAGTCACCCTA 1160 ACCTGTGCAGCCCAACCCCA 1161 AGGAACCACAGCCGAGTTT 1160 ACCTGTGCAGCACGACCGAGTTT 1161 AGAACCACAGCACGACGCCGAGTTC 1162 CCTCCCTAGAAATCCACGGGAT 1163 TAACATCGGTGAAACCGTGCG 1164 ACCCAGAAGACACCGTGCG 1165 CACGTGGACCAAACCGTGCGCCCAATAG 1166 CACGTGCACACACCCACT 1167 CCCCCACACACCCCACCCACCCACCCACCTCCCACCACCGTG 1168 CACGCTGCACCCCACCCACCCACCCACCCCACCCCACCC	1141	GGAACACTCAACCACCGTGGATCT	AGATCCACGGTGGTTGAGTGTTCC
1144 GACATTTAACCCGACCGATTGTGC GCACATCGGTCGGGTTAAATGTC 1145 GGCACCGAGCCAGTAGGCCTCTGA TCAGAGGCCTACTGGCTCGGTGCC 1146 CTCAAGCGTGCATGTTGGTAACCA TGGTTACCAACATGCACGCTTGAG 1147 AGGAAGGCCACCATCCAATATTCG CGAATATTGGATGGCTTCGGT 1149 TACGAACGCCAACGTTATGCCAAT ATTGGCATAACCTTGGCGTTCGTA 1149 TACGAACGCCAAGGTTATGCCAAT ATTGGCATAACCTTGGCGTTCGTA 1150 CGCACCAGAGTTATGCAGCTCAA TTTGAGCCTGCATAACCTTGGTGCG 1151 CCAGCTTGGACGAGGAAGGATGTG CACATCCTTCCTCGTCCAAGCTGG 1152 GTCACGCCTTTCAAATGACCCACA TGTGGGTCATAACCTTGGTGCG 1153 TGCTAGACCCAGCCCGAGTCTCGG CCGAGACTCGGGCTGGGTTAGCA 1154 TATTGTGGCACTTGGGTCCAGTG GCACTGGACCCAAGTGCCACACAT 1155 CACGTGTGAGACCGAAGTGCATC GACCCACATGGCCTGAGCCCACATG 1156 GGCAGCCTGATGCTACACACCGT ACGGTGCTCACACGTG 1157 GGCAGCCTGATGCTACAGCACCGT ACGGTGCTGTAGCACCACGTG 1158 CGGTCCGTCCATCCTTCAGAGGTTA TAACTCTGAAGGATGGACCGAATGG 1159 CTATTCGCGGACCCTACCACCAT TAACCTGAAGGATGACCGGAATGA 1160 ACCTGTGCAGTCACCACCAGTT AAACTCGGTAGCACCAGATAG 1161 AGAAACCACAGGTGCG CGCACTCGTGGTCCACACGT 1162 CCTCCCTAGAGAAATCCACCGGAT ATCCCGTGGATTCTACACAGGT 1163 TAACATCGGTGCAAACCGTGGCG CGCCACCGTTTCTAGCACGGT 1164 ACCCAGAAGACATCACCGGGAT ATCCCGTGGATTTCTCTAGCAGGT 1165 AAAAGCGCTGCTCTAACACCGCC CGGCGGTGTTTCACCAGGTTT 1166 CAAGTCTGTCCATTTCCCAACGGT ACCGTTTGGACTCATCTCTTCGGGT 1166 CAAGTCTGCCCTTAACACCGCC CGGCGGTGTTAGACCAGCGCTTTT 1166 CAAGTCTGCCATTTTCCCAACGGT ACCGTTTGGAAATGCACCACCTTTTTTTCTGGGT 1167 CCGACACATGGTGGGCC TACCGATGTTTAAGACCACCCCTTTTTTTTTT	1142	TCACACCCAACTGGCCACAGATG	CATCTGTGGCCAGTTGGTGTGA
1145 GGCACCGAGCCAGTAGGCCTCTGA TCAGAGGCCTACTGGCTCGGTGCC 1146 CTCAAGCGTGCATGTTGGTAACCA TGGTTACCAACATGCACGCTTGAG 1147 AGGAAGGCCACCATCCAATATTCG CGAATATTGGATTGG	1143	TGTGCTTAGGACACCAGGCAACCC	GGGTTGCCTGGTGTCCTAAGCACA
1146 CTCAAGCGTGCATGTTGGTAACCA 1147 AGGAAGGCCACCATCCAATATTCG 1149 TACGAACGCCAAGGTTATGCCAAT 1150 CGCACCAGAGTTATGCAAT 1151 CCAGCTTGGACGAGGAAGGATGTG 1151 CCAGCTTTGCAATGCCAAT 1152 GTCACGCCTTTCAAATGACCCACA 1153 TGCTAGACCCAGCCCAGGTCTCGG 1154 TATTGTGGCACTTCCAGTGCAGT 1155 CACGTGTGAGACCCAGCCCGAGTCTCGG 1156 CACGTGTTGAAATGACCCACA 1157 TGCTAGACCCAGCCCGAGTCTCGG 1158 CACGTGTGAGACCGAGAGGAAGGATGTG 1159 CTATTCGCACTTGGACGAGAGGAAGGATGT 1159 CTATTCGCGTCCATCCTTCAGAGTTA 1160 ACCTGTGCAGCCCTACCCCGAGTTT 1161 GAGAACCACACGCCCAACCCCTA 1161 GAGAACCACACGCCCAACCCCTA 1162 CCTCCCTAGAGACCCACAC 1163 TAACATCGGTCCACCCCTA 1164 ACCCAGAAGAAATCCACCCCTA 1165 AAAAGCCCTGCAGTCCCCCTA 1166 CAAGTCTTCCTTCACACCCCTA 1166 CAAGTCTGCAATCCCCTA 1167 CCGACACATGGCACTTCCCCTA 1168 ACCAGAAGAATCCACCGCC 1169 CACCAGAAGAAATCCACCGCCCTA 1160 ACCTGTGCAGCACCCTA 1161 CCCCCACACACCCCTA 1162 CCTCCCTAGAGAAATCCACCCCTA 1163 TAACATCGGTCAACCCCCTA 1164 ACCCAGAAGAAATCCACGGCCC 1165 AAAAGCGCTGCACACTGCCCTA 1166 CAAGTCTGTCACCCCTA 1166 CAAGTCTGTCACCCCTA 1167 CCGACACATGGTGGCCCCTA 1168 ACCAGAAGACATGGCATTCGCCT 1169 CGGCGATCCACTTTTCCCAACCGCC 1170 GACCACATGGTGGGCCTTTTTAAGCCCCCCG 1171 GGCAACCACGGTTTTTCACCCCCCCCCCCCCCCCCCCCC	1144	GACATTTAACCCGACCGATTGTGC	GCACAATCGGTCGGGTTAAATGTC
1147 AGGAAGGCCACCATCCAATATTCG 1149 TACGAACGCCAAGGTTATGCCAAT 1150 CGCACCAGAGTTATGCAGAT 1150 CGCACCAGAGTTATGCAGGCTCAA 1151 CCAGCTTGGACGAGGAAGGATGTG 1151 CCAGCTTTGGACGAGGAAGGATGTG 1152 GTCACGCCTTTCAAATGACCCACA 1153 TGCTAGACCCAGCCCGAGTCTCGG 1154 TATTGTGGCACTTGGGTCCAAGTTGG 1155 CACGTGTGACCAGAGTCCAGG 1156 CACGTGTGAGACCGGAGTCCAGG 1157 GGCAGCCTTTCAAATGACCCACA 1158 CGGTCCGTTCAGACCGGAAGTGCATC 1159 CTATTCGCGGACCGGAAGTGCATC 1159 CTATTCGCGGACCCTACGAGTTT 1160 ACCTGTGCAGTCAGCACCGT 1161 GAGAACCACAGGTGCACCCTACGAGTGCACACAGGTGCACACAGGT 1161 GAGAACCACAGGTGCACCCTACGAGTTCAGAGGTGCACACAGGT 1162 CCTCGCTAGAGATCCACCCTA 1163 TAACATCGGTGCAAACCACCGGAATGCACCACCGT 1164 ACCAGAAGACAATGCACCCTA 1165 AAAACGCTGCAGAAACCACCGGCC 1166 ACCAGAGACACGTGCACCCCTA 1167 CCGACAAGACACAGGCCCCCAAGGCCCCACGGTTTTCCACACGGTGCACACACCTGTGCTCCACACGGT 1168 ACACCACAAGGTGCCCCCCCACCCCTACCCCCCCCCCCC	1145	GGCACCGAGCCAGTAGGCCTCTGA	TCAGAGGCCTACTGGCTCGGTGCC
1149 TACGAACGCCAAGGTTATGCCAAT ATTGGCATAACCTTGGCGTTCGTA 1150 CGCACCAGAGTTATGCAGGCTCAA TTGAGCCTGCATAACTCTGGTGCG 1151 CCAGCTTGGACGAGGAAGGATGTG CACATCCTTCCTCGTCCAAGCTGG 1152 GTCACGCCTTTCAAATGACCCACA TGTGGGTCATTTGAAAGGCGTGAC 1153 TGCTAGACCCAGCCCGAGTCTCGG CCGAGACTCGGGCTGGGTCTAGCA 1154 TATTGTGGCACTTGGGTCCAGTGC GACCTGGACCCAAGTGCCACATA 1155 CACGTGTGAGACCGGAAGTGCATC GATGCACTTCCGGTCTCACACGTG 1157 GGCAGCCTGATGCTACAGCACCGT ACGTGCTCACACGTG 1158 CGGTCCGTCCATCCTTCAGAGTTA TAACTCTGAAGGATGAGACCG 1159 CTATTCGCGGACCCTACGAGTGT AACTCTGAAGGATGACACGGACCG 1160 ACCTGTGCAGTCAGCACCGAGTTT AACTCTGAAGGATGACACAGGT 1161 GAGAACCACAGGTGGTCCACCCTA TAGGGTGGACCACCAGGT 1162 CCTCGCTAGAGAAATCCACGGGAT ATCCCGTGGTTGACTACACACAGGT 1163 TAACATCGGTGCAAACCCTGAGGATAGACCACGAGTTTCCTAGAGAATACCACGAGGT 1164 ACCCAGAAGAAATCCACGGGAT ATCCCGTGGATTTCCTAGCGAGG 1165 AAAAGCGCTGCCAAACCGTGGCC CGCCACCGGTTTTCCACACGGT 1166 CAAGTCTGTCCATTCCCAACGCT ACCCTTA AGCCCACGGTTTTCCACACGGT 1167 CCGACACATGGTGGCCCTACCCCCAGTTTTAACACCGCCG CGCGCGTTTTGAGACCACGACTTTT 1168 CAAGCCCACGTTTTCCCAACGGT ACCGTTGGGAAATGGACAGACTTG 1169 CGGCATCCATTTCCCAACGGT ACCGTTGGGAAAAGCCACCATGTTCTGGGT 1169 CGGCAACCATGGTGGGCTTTTTAAG CTTAAAAAGCCCACCATTGTCGG 1169 CACAGACCATGGTGGGCTTTTTAAG CTTAAAAAGCCCACCACTTGTGCGG 1170 GACGTTATCATGACACAGGT ACCGTTGGAAATGGACAGACTTG 1171 GGCAGAGTTGGATCAAAGT ACTTTGAAGTAAAAAGCTGGTCTGT 1171 GGCAGAGTTGGATCAAGAT ACTTTGAAGTAAAAAGCTGGCCTGCC 1173 CCTCAATGCACCGAATTCAGTATA TATACCGAATTCAGATGAAATGGATCGCCT 1174 GGAGTTACATGACACAGGTATT ATACCGAATTCAGGTAACTCCC 1175 GAACTCGACGGATTTAGTCGCCA TGGGCGACTTAACACGCTAACTCCC 1176 CACAAGCGACATTTCTGGTGACA TGGGCACTAACTCCCCTTGTGACACTCTGCC 1177 CCAGAATGCACCGAATTCGGCAC CGGCACCTGTGACACCTCCGAATTCACGCTAACTCC 1177 CCAGAATGCACGGAATTCGCCCA CGGCACCTGTGACACCTCCGAATTCACGCTAACTCCCACCTCTGTGAAATTCACGCAATTCACGCTAACTCCCACCTAACTTCCCAACTCTGGTAACTCCCACCACAATTCACGCAATTCACGCAATTCACGCAATTCACGCAATTCACGCAATTCACGCAATTCACGCAATTCACGCAATTCACGCAATTCACGCAATTCACGCAATTCACGCAATTCACGCAATTCACGCAATTCACGCAATTCACGCAATTCACGCAATTCACGCAATTCACGCAATTCACGCAATTCACGCAATTCACGCAATTCACGCAATTCACGCAATTCACGCAATTCACGCAATTCACGCAAT	1146	CTCAAGCGTGCATGTTGGTAACCA	TGGTTACCAACATGCACGCTTGAG
1150 CGCACCAGAGTTATGCAGGCTCAA 1151 CCAGCTTGGACGAGGAAGGATGTG 1152 GTCACGCCTTTCAAATGACCCACA 1153 TGCTAGACCCAGCCCGAGTCTCGG 1154 TATTGTGGCACTTGGGTCCAGTCC 1155 CACGTGGACCAGCCGGAGTCTCGG 1156 CACGTGGACCCAGCCGGAGTCCAGC 1157 GGCAGCCTGAGCTCAGCACCCGAGTCTCACACGTG 1158 CACGTGTGAGACCGGAAGTCCACC 1159 CTATTCGCGGACCCTACGCACCGT 1159 CTATTCGCGACCCTACGCACCGT 1160 ACCTGTGCAGTCAGCACCGT 1161 GAGAACCACAGAGTGCACCCTA 1162 CCTCGCTCAGAGTCACCCCTA 1163 TAACATCGGTCAGCACCGT 1164 ACCCAGAAGAATCCACCGGATT 1165 CACGTGGACCCTACGCACCTA 1166 CACCAGAGAACCCGAGTGCC 1167 CCGCACACAGGTGCCCCACCTA 1168 CACCAGAAGACACGGGATTA 1169 CCGCACCAGGTGCCCCCACCCTA 1160 ACCCAGAAGACCACGGGATTCGCCT 1161 CACCAGAAGACCACGGGATTCGCCT 1162 CCTCGCTAGAGAAATCCACCGGGAT 1163 TAACATCGGTGCAAACCGTGGCCC 1164 ACCCAGAAGACATGGCATTCGCCT 1165 AAAAGCGCTGCTCTAACACCGCCC 1166 CAAGTCTGTCCATTTCCCAACGGT 1167 CCGACACATGGTGGCCT 1168 CAAGTCTGTCCATTTCCCAACGGT 1169 CGGCACCATGTTTCCCAACGGT 1169 CGGCAACCATGTGGCCT 1170 GACGTTATCACTTCAACACCGCCC 1170 GACGTTATCATGACACCACGCT 1171 GGCAGAGTTTCACTTCAACACCGCCC 1172 CCTCAATGCCACCGAATTCGCCT 1173 CCTCAATGCACCCGAATTCGCCT 1174 GGAGATTCACTTCCAACACGCCC 1175 GAACTCGACCGAATTCGCCT 1176 CACAAGCACATTTCTGGTGACC 1177 CCAGAATGCGTCCCAACTCCCCAATTCCCCTAACACCCCCACTTTTCACCCCAACTCTCCCCCC	1147	AGGAAGGCCACCATCCAATATTCG	CGAATATTGGATGGTGGCCTTCCT
1151 CCAGCTTGGACGAGGAAGGATGTG CACATCCTTCCTCGTCCAAGCTGG 1152 GTCACGCCTTTCAAATGACCCACA TGTGGGTCATTTGAAAGGCGTGAC 1153 TGCTAGACCCAGCCCGAGTCTCGG CCGAGACTCGGGCTGGGTCTAGCA 1154 TATTGTGGCACTTGGGTCCAGTGC GCACTGGACCCAAGTGCCACAATA 1155 CACGTGTGAGACCGGAAGTGCATC GATGCACCCAAGTGCCACACATA 1157 GGCAGCCTGATGCTACAGCACCGT ACGGTGCTCACACGTG 1158 CGGTCCGTCCATCCTTCAGAGTTA TAACTCTGAAGGATGGACCGAATAG 1159 CTATTCGCGGACCCTACGCAGTTT AAACTGCGTAGGATCGCCGAATAG 1160 ACCTGTGCAGCACCAGAGTGC CGCACTCGTGAGACCGACACGT 1161 GAGAACCACAGGTGGTCCACCCTA TAGGGTGGACCACACGTG 1162 CCTCGCTAGAGAAATCCACGGGAT ATCCCGTGGATTTCTAGCGAGG 1163 TAACATCGGTGCAAACCGTGGCGC GCGCACTGGTTTCACACGAGT 1164 ACCCAGAAGACATGGCATTCGCCT AGGCGAATGCCATGTTTT 1165 AAAAGCGCTGCTCTAACACCGCCG CGGCGAATGCCATGTTTT 1166 CAAGTCTGTCCATTCCAACGGT ACCGTGGAAATGCACGGCTTTT 1167 CCGACACATGGTGGGCTTTTTAAG CTTAAAAAGCCCACCATGTGTCGG 1168 ACAGACCAGCTTTTTCCCAACGGT ACCGTTGGGAAATGGACAGACTTG 1169 CGGCGATCCATTTTCCCAACGGT ACCGTTGGGAAATGGACAGACTTG 1169 CGGCGATCCATTTTCCCAACGGT ACCGTTGGGAAATGGACAGACTTG 1170 GACGTTATCATGACACAGGTCGCC CGCGCACCTGTGTCTGGG 1171 GACGTTACATGACACAGGTCGCC CGCGCACCTGTGTCAGCCG 1172 GACGTTACATGACACAGGTCGCC CGCGACCTGTGTCAGACACTCCC 1173 CCTCAATGCCACCGAATTCGGTAT AATCTGCGCAAAAAGCTGGTCTGT 1174 GGAAGTTAGACACAGGTCCCCA TGGGCACCCACTTTGACCCG 1175 GAACTCGACCGAATTCGGTAT ATACCGAATTCAGCACACTCTGCC 1176 CACAAAGCACACGTGTCCCCA TGGGCGACTTGACCCC 1177 CCACAAGCACACTTTCTCACACGGT ACCCTCCAATTCCGCTGACTTCCCAACTCCCACTTTCCCAACGGT ACCCCCACATTCTGCCAACTCCCACTTTCCCAACGGT ACCCTTCCGTGACACCTCGACTTCTGCCAACTCCCACAGAATTCAGCGAATTCAGCACAAGACTTCGGTACCACACTCTGCC 1176 CACAAGCCACATTTCTGGTGCACC CGGCACCTAACTCCCCACAGAATTCACCGCTGACTTCTGGTATAACCGCCACAAAAGCCACACTTCTGCCAACTCCCACACACA	1149	TACGAACGCCAAGGTTATGCCAAT	ATTGGCATAACCTTGGCGTTCGTA
1152 GTCACGCCTTTCAAATGACCCACA TGTGGGTCATTTGAAAGGCGTGAC 1153 TGCTAGACCCAGCCCGAGTCTCGG CCGAGACTCGGGCTGGGTCTAGCA 1154 TATTGTGGCACTTGGGTCCAGTGC GCACTGGACCCAAGTGCCACAATA 1155 CACGTGTGAGACCGGAAGTGCATC GATGCACTTCCGGTCTCACACGTG 1157 GGCAGCCTGATGCTACAGCACCGT ACGGTGCTGACCACAGTGC 1158 CGGTCCGTCCATCCTTCAGAGTTA TAACTCTGAAGGATGGACCGACCG 1159 CTATTCGCGGACCCTACGCAGTTT AAACTGCGTAGGGTCCGCGAATAG 1160 ACCTGTGCAGTCAGCACGAGTGC CGCACTCGTGGACTCACACGTG 1161 GAGAACCACAGGTGGTCCACCCTA TAGGGTGGACCACACGTGT 1162 CCTCGCTAGAGAAATCCACGGGAT ATCCCGTGGATTTCTCAGCAGGT 1163 TAACATCGGTGCAAACCGTGGCG GCGCCACGGTTTGCACCGAGGT 1164 ACCCAGAAGACATGGCATTCGCCT AGGCGAATGCCATGTCTTCTGGGT 1165 AAAAGCGCTGCTCTAACACCGCCG CGCGCACTGTTAGAGCAGCGCTTTT 1166 CAAGTCTGTCCATTCCCAACGGT ACCGTTGGGAAATGGACAGACTTG 1167 CCGACACATGTGGGCTTTTAAG CTTAAAAAGCCCACCATGTTGTCGG 1168 ACAGACCAGCTTTTTCCCAACGGT AACTGCCACACAAAAGCCTGTGTGTG 1169 CGGCGATCCATTTCCCAACGGT ACCGTTGGAAAAAGCCCACCATGTTGTCGG 1170 GACGTTATCATTCACTTCAAAGT AACTTGCCCAAAAAGCTGGTCTGT 1171 GGCAGAGTTGGATCGGATCCAAAATGAACACGTC 1172 GACGTTATCATGACACAGGGTCGC CGCGACCTGTGTCAGCACTTG 1173 CCTCAATGCCACCGAATTCGGTAT ATCTGCGCAAAAAGCTGGTCTGT 1174 GGAGTTATCATGACACAGGGTCCCAA TTGAGGAACTCGACTTCGCC 1175 GAACTCGACCGAATTCGGCAA ATCCCGAACTCCCCAACTCCCCAACTCCCCAACTCCCCAACTCCCCAACTCCCCAACTCCCCAACTCCCCCAACTCCCCCAACTCCCCCAACTCCCCCC	1150	CGCACCAGAGTTATGCAGGCTCAA	TTGAGCCTGCATAACTCTGGTGCG
1153 TGCTAGACCCAGCCCGAGTCTCGG CCGAGACTCGGGCTGGGTCTAGCA 1154 TATTGTGGCACTTGGGTCCAGTGC GCACTGGACCCAAGTGCCACAATA 1155 CACGTGTGAGACCGGAAGTGCATC GATGCACTTCCGGTCTCACACGTG 1157 GGCAGCCTGATGCTACAGCACCGT ACGGTGCTGTAGCATCAGGCTGCC 1158 CGGTCCGTCCATCCTTCAGAGTTA TAACTCTGAAGGATGGACCGACCG 1159 CTATTCGCGGACCCTACGCAGTTT AAACTGCGTAGGGTCCGCGAATAG 1160 ACCTGTGCAGTCAGCACGAGTGCG CGCACTCGTGCTGACTGCACAGGT 1161 GAGAACCACAGGTGGTCCACCCTA TAGGGTGGACCACAGGT 1162 CCTCGCTAGAGAAATCCACGGGAT ATCCCGTGGATTTCTCTAGCGAGG 1163 TAACATCGGTGCAAACCGTGGCC GCGCACTGGTTTCTCAGCAGGG 1164 ACCCAGAAGACATGCCATTCGCCT AGGCGAATGCCATGTTA 1165 AAAAGCGCTGCTCTAACACCGCCG CGCGCGTGTTAGAGCAGCGCTTTT 1166 CAAGTCTGTCCATTTCCCAACGGT ACCGTTGGAAATGGACAGCGCTTTT 1167 CCGACACATGGTGGGCTTTTTAAG CTTAAAAAGCCCACCATGTGTCGG 1168 ACAGACCAGCTTTTTGCGCAGATT AATCTGCGCAAAAAGCTGGTCTGT 1169 CGGCGATCCATTTCACTTCAAAGT ACTTGAAGTGAAATGGACAGCTGCT 1170 GACGTTATCATGACACAGGTCGCG CGCGACCTGTGTCATGATAACGTC 1171 GGCAGAGTTGGATCGGATCCTCAA TTGAGGATCCGATCC	1151	CCAGCTTGGACGAGGAAGGATGTG	CACATCCTTCCTCGTCCAAGCTGG
1154 TATTGTGGCACTTGGGTCCAGTGC GCACTGGACCCAAGTGCCACAATA 1155 CACGTGTGAGACCGGAAGTGCATC GATGCACTTCCGGTCTCACACGTG 1157 GGCAGCCTGATGCTACAGCACCGT ACGGTGCTGTAGCATCAGGCTGCC 1158 CGGTCCGTCCATCCTTCAGAGTTA TAACTCTGAAGGATGGACCGACCG 1159 CTATTCGCGGACCCTACGCAGTTT AAACTGCGTAGGGTCCGCGAATAG 1160 ACCTGTGCAGTCAGCACGAGTGCG CGCACTCGTGCTGACTGACACAGGT 1161 GAGAACCACAGGTGGTCCACCCTA TAGGGTGGACCACCTGTGGTTCTC 1162 CCTCGCTAGAGAAATCCACGGGAT ATCCCGTGGATTTCTCTAGCGAGG 1163 TAACATCGGTGCAAACCGTGGCC GCGCACTGGTTTCTCAGCGAGG 1164 ACCCAGAAGACATGGCATTCGCCT AGGCGAATGCCATGTTA 1165 AAAAGCGCTGCTCTAACACCGCCG CGCCGCGTTTTCAGCACGGT 1166 CAAGTCTGTCCATTTCCCAACGGT ACCGTTGGAAATGGACAGCGCTTTT 1167 CCGACACATGGTGGGCTTTTTAAG CTTAAAAAGCCCACCATGTGTCGG 1168 ACAGACCAGCTTTTTGCGCAGATT AATCTGCGCAAAAAGCTGGTCTGT 1169 CGGCGATCCATTTCACTTCAAAGT ACTTTGAAGTGAAATGGACAGCCGC 1170 GACGTTATCATGACACAGGTCGCG CGCGACCTGTGTCATGATAACGTC 1171 GGCAGAGTTGGATCGGATCCCAA TTGAGGATCCGACCACTTTGACG 1171 GGCAGAGTTGGATCGGATCCTCAA TTGAGGATCCGACCACTTTGACG 1173 CCTCAATGCCACCGAATTCGGTAT ATACCGAATTCGGTGCCCG 1174 GGAGTTAGCACACGGATCCCCA TGGGCGACTAATCACGCTAACTCC 1175 GAACTCGACGTGATTAGTCGCCCA TGGGCGACTAATCACGCTAACTCC 1176 CACAAGCGACATTTCTGGTGCACG 1177 CCAGAATGCGTGATTCACGGTACCCA TGGGCGACTAATCACGCTAACTCC 1177 CCAGAATGCGTGAATTCGGTGCCC AGGACACACGTCGAGTTCC 1178 CACAAGCGACATTTCTGGTGCACG 1179 ATTCTTGCTTCGGACGACTAGCCC CGGCTAGTCCCAACTCCTGG 1179 ATTCTTGCTTCGGACGACTAGCCC CGGCTAGTCCCAACTCCCTTGCC 1179 ATTCTTGCTTCGGACGACTAGCCC CGGCCTAGTTCCGCAAGCAAAAACCTTCTGCC 1179 ATTCTTGCTTCGGACGACTAGCCC CGGCCTAGTTCCGCAAGCAAAAACTCCCCTTGCTTTTTTTT	1152	GTCACGCCTTTCAAATGACCCACA	TGTGGGTCATTTGAAAGGCGTGAC
1155 CACGTGTGAGACCGGAAGTGCATC GATGCACTTCCGGTCTCACACGTG 1157 GGCAGCCTGATGCTACAGCACCGT ACGGTGCTGTAGCATCAGGCTGCC 1158 CGGTCCGTCCATCCTTCAGAGGTTA TAACTCTGAAGGATGGACCGACCG 1159 CTATTCGCGGACCCTACGCAGTTT AAACTGCGTAGGGTCCGCGAATAG 1160 ACCTGTGCAGTCAGCACGAGTGCG CGCACTCGTGCTGACTGCACAGGT 1161 GAGAACCACAGGTGGTCCACCCTA TAGGGTGGACCACCTGTGGTTCTC 1162 CCTCGCTAGAGAAATCCACGGGAT ATCCCGTGGATTTCTCTAGCGAGG 1163 TAACATCGGTGCAAACCGTGGCC GCGCCACGGTTTGCACCGATGTA 1164 ACCCAGAAGACATGGCATTCGCCT AGGCGAATGCCATGTCTTCTGGGT 1165 AAAAGCGCTGCTCTAACACCGCCG CGGCGATGCACAGACTTTT 1166 CAAGTCTGTCCATTTCCCAACGGT ACCGTTTGGAAATGGACAGACTTG 1167 CCGACACATGGTGGGCTTTTTAAG CTTAAAAAGCCCACCATGTCTGT 1168 ACAGACCACGTTGTGCAGTT AATCTGCGCAAAAAGCTGGTCTGT 1169 CGGCGATCCATTTCACATCACAGT ACTTTGAAGTGAAAAGCTGGTCTGT 1169 CGGCGATCCATTTCACTTCAAAGT AATCTGCGCAAAAAGCTGGTCTGT 1170 GACGTTATCATGACACAGGTCGC CGCGCACCTGTGTCATGATAACCGTC 1171 GGCAGAGTTGGATCGGAATCAGACCAGACTTG 1172 CCTCAATGCCACCGAATTCAGTAT ATACCGAATTCCGATCCCCC 1173 CCTCAATGCCACCGAATTCAGTAT ATACCGAATTCAGTCCAACTCTGCC 1174 GGAGTTAGCACACGGTAT ATACCGAATTCAGTGCAACTCCC 1175 GAACTCGACCGAATTCAGTAT ATACCGAATTCAGCTAACTCC 1176 CACAAGCGACTTTCTGGTGCACG CGTGCACCAGAAATGTCCGCTAGTTC 1177 CCAGAATGCGTCAACTCCCAACGGTCCAACTCCCGGAATTCACGCAACTCTCGGTATACACGCAACACGCTCCAACTCCCGAATTCACGCAACACACGCAATTCCCCACACACA	1153	TGCTAGACCCAGCCCGAGTCTCGG	CCGAGACTCGGGCTGGGTCTAGCA
1157 GGCAGCCTGATGCTACAGCACCGT ACGGTGCTGTAGCATCAGGCTGCC 1158 CGGTCCGTCCATCCTTCAGAGTTA TAACTCTGAAGGATGGACGGACCG 1159 CTATTCGCGGACCCTACGCAGTTT AAACTGCGTAGGGTCCGCGAATAG 1160 ACCTGTGCAGTCAGCACGAGTGCG CGCACTCGTGCTGACTGCACAGGT 1161 GAGAACCACAGGTGGTCCACCCTA TAGGGTGGACCACCTGTGTTCTC 1162 CCTCGCTAGAGAAATCCACGGGAT ATCCCGTGGATTTCTCTAGCGAGG 1163 TAACATCGGTGCAAACCGTGGCGC GCGCCACGGTTTGCACCGATGTA 1164 ACCCAGAAGACATGGCATTCGCCT AGGCGAATGCCATGTCTTCTGGGT 1165 AAAAGCGCTGCTCTAACACCGCCG CGCGCACGGTTTAGAGCAGCACTTTT 1166 CAAGTCTGTCCATTTCCCAACGGT ACCGTTGGAAATGCAATGC	1154	TATTGTGGCACTTGGGTCCAGTGC	GCACTGGACCCAAGTGCCACAATA
1158 CGGTCCGTCCATCCTTCAGAGTTA TAACTCTGAAGGATGGACGGACCG 1159 CTATTCGCGGACCCTACGCAGTTT AAACTGCGTAGGGTCCGCGAATAG 1160 ACCTGTGCAGTCAGCACGAGTGCG CGCACTCGTGCTGACTGCACAGGT 1161 GAGAACCACAGGTGGTCCACCCTA TAGGGTGGACCACCTGTGGTTCTC 1162 CCTCGCTAGAGAAATCCACGGGAT ATCCCGTGGATTTCTCTAGCGAGG 1163 TAACATCGGTGCAAACCGTGGCC GCGCCACGGTTTGCACCGATGTTA 1164 ACCCAGAAGACATGGCATTCGCCT AGGCGAATGCCATGTCTTCTGGGT 1165 AAAAGCGCTGCTCTAACACCGCCG CGGCGGTGTTAGAGCAGCGCTTTT 1166 CAAGTCTGTCCATTTCCCAACGGT ACCGTTGGGAAATGGACAGACTTG 1167 CCGACACATGGTGGCTTTTTAAG CTTAAAAAGCCCACCATGTGTCGG 1168 ACAGACCAGCTTTTTTGCGCAGATT AATCTGCGCAAAAAAGCTGGTCTGT 1169 CGGCGATCCATTTCACTTCAAAGT ACTTTGAAGTGAAATGGATCGCCG 1170 GACGTTATCATGACACAGGTCGCG CGCGACCTGTGTCATGATAACGTC 1171 GGCAGAGTTGGATCGGATCCTCAA TTGAGGATCCGATCC	1155	CACGTGTGAGACCGGAAGTGCATC	GATGCACTTCCGGTCTCACACGTG
1159 CTATTCGCGGACCCTACGCAGTTT AAACTGCGTAGGGTCCGCGAATAG 1160 ACCTGTGCAGTCAGCACGAGTGCG CGCACTCGTGCTGACTGCACCAGGT 1161 GAGAACCACAGGTGGTCCACCCTA TAGGGTGGACCACCTGTGGTTCTC 1162 CCTCGCTAGAGAAATCCACGGGAT ATCCCGTGGATTTCTCTAGCGAGG 1163 TAACATCGGTGCAAACCGTGGCGC GCGCCACGGTTTGCACCGATGTTA 1164 ACCCAGAAGACATGGCATTCGCCT AGGCGAATGCCATGTCTTCTGGGT 1165 AAAAGCGCTGCTCTAACACCGCCG CGGCGGTGTTAGAGCAGCGCTTTT 1166 CAAGTCTGTCCATTTCCCAACGGT ACCGTTGGGAAATGGACAGACTTG 1167 CCGACACATGGTGGGCTTTTTAAG CTTAAAAAGCCCACCATGTTCGG 1168 ACAGACCAGCTTTTTGCGCAGATT AATCTGCGCAAAAAGCTGGTCGT 1169 CGGCGATCCATTTCACTTCAAAGT ACTTTGAAGTGAAATGGATCGCCG 1170 GACGTTATCATGACACAGGTCGCG CGCGACCTGTGTCATGAAAAGCTC 1171 GGCAGAGTTGGATCGGATCCTCAA TTGAGGATCCGAACTCTGCC 1173 CCTCAATGCCACCGAATTCGGTAT ATACCGAATTCGGTGGCATTGAGG 1174 GGAGTTAGCACCGGATTCGGTAT ATACCGAATTCGGTGGCATTGAGG 1175 GAACTCGACGTGTCACGGAAGGGT ACCCTTCCGTGACACTCCC 1176 CACAAGCGACTTTCTGGTGCACG CGTGCACCAGAAATGTCGCTGTC 1177 CCAGAATGCGTCACTGGAATTCGGTCCT AGGACCCGAAAAATGTCGCTTGTG 1178 CACAGGGAGCCTTCCGAATTCGGTCCT AGGACCCGAATTCCGCTTGTC 1179 ATTCTTGCTTCGGACGACTAGCCG CGGCTAGTCCCAACCCCTTG	1157	GGCAGCCTGATGCTACAGCACCGT	ACGGTGCTGTAGCATCAGGCTGCC
1160 ACCTGTGCAGTCAGCACGAGTGCG CGCACTCGTGCTGACTGCACAGGT 1161 GAGAACCACAGGTGGTCCACCCTA TAGGGTGGACCACCTGTGGTTCTC 1162 CCTCGCTAGAGAAATCCACGGGAT ATCCCGTGGATTTCTCTAGCGAGG 1163 TAACATCGGTGCAAACCGTGGCGC GCGCCACGGTTTGCACCGATGTTA 1164 ACCCAGAAGACATGGCATTCGCCT AGGCGAATGCCATGTCTTCTGGGT 1165 AAAAGCGCTGCTCTAACACCGCCG CGGCGGTGTTAGAGCAGCGCTTTT 1166 CAAGTCTGTCCATTTCCCAACGGT ACCGTTGGGAAATGGACAGACTTG 1167 CCGACACATGGTGGGCTTTTTAAG CTTAAAAAGCCCACCATGTGTCGG 1168 ACAGACCAGCTTTTTGCGCAGATT AATCTGCGCAAAAAGCTGGTCTGT 1169 CGGCGATCCATTTCACATTCAAAGT ACTTTGAAGTGAAATGGATCGCCG 1170 GACGTTATCATGACACAGGTCGCG CGCGACCTGTGTCATGATAACGTC 1171 GGCAGAGTTGGATCGGATCCTCAA TTGAGGATCCGATCC	1158	CGGTCCGTCCATCCTTCAGAGTTA	TAACTCTGAAGGATGGACGGACCG
1161 GAGAACCACAGGTGGTCCACCCTA TAGGGTGGACCACCTGTGGTTCTC 1162 CCTCGCTAGAGAAATCCACGGGAT ATCCCGTGGATTTCTCTAGCGAGG 1163 TAACATCGGTGCAAACCGTGGCGC GCGCCACGGTTTGCACCGATGTTA 1164 ACCCAGAAGACATGGCATTCGCCT AGGCGAATGCCATGTCTTCTGGGT 1165 AAAAGCGCTGCTCTAACACCGCCG CGGCGGTGTTAGAGCAGCGCTTTT 1166 CAAGTCTGTCCATTTCCCAACGGT ACCGTTGGGAAATGGACAGACTTG 1167 CCGACACATGGTGGGCTTTTTAAG CTTAAAAAGCCCACCATGTGTCGG 1168 ACAGACCAGCTTTTTGCGCAGATT AATCTGCGCAAAAAGCTGGTCTGT 1169 CGGCGATCCATTTCACTTCAAAGT ACTTTGAAGTGAAATGGATCGCCG 1170 GACGTTATCATGACACAGGTCGCG CGCGACCTGTGTCATGATAACGTC 1171 GGCAGAGTTGGATCGGATCCTCAA TTGAGGATCCGATCC	1159	CTATTCGCGGACCCTACGCAGTTT	AAACTGCGTAGGGTCCGCGAATAG
1162 CCTCGCTAGAGAAATCCACGGGAT ATCCCGTGGATTTCTCTAGCGAGG 1163 TAACATCGGTGCAAACCGTGGCGC GCGCCACGGTTTGCACCGATGTTA 1164 ACCCAGAAGACATGGCATTCGCCT AGGCGAATGCCATGTCTTCTGGGT 1165 AAAAGCGCTGCTCTAACACCGCCG CGGCGGTGTTAGAGCAGCGCTTTT 1166 CAAGTCTGTCCATTTCCCAACGGT ACCGTTGGGAAATGGACAGACTTG 1167 CCGACACATGGTGGGCTTTTTAAG CTTAAAAAGCCCACCATGTGTCGG 1168 ACAGACCAGCTTTTTGCGCAGATT AATCTGCGCAAAAAAGCTGGTCTGT 1169 CGGCGATCCATTTCACTTCAAAGT ACTTTGAAGTGAAATGGATCGCCG 1170 GACGTTATCATGACACAGGTCGCG CGCGACCTGTGTCATGATAACGTC 1171 GGCAGAGTTGGATCGGATCCTCAA TTGAGGATCCGATCC	1160	ACCTGTGCAGTCAGCACGAGTGCG	CGCACTCGTGCTGACTGCACAGGT
1163 TAACATCGGTGCAAACCGTGGCGC GCGCCACGGTTTGCACCGATGTTA 1164 ACCCAGAAGACATGGCATTCGCCT AGGCGAATGCCATGTCTTCTGGGT 1165 AAAAGCGCTGCTCTAACACCGCCG CGGCGGTGTTAGAGCAGCGCTTTT 1166 CAAGTCTGTCCATTTCCCAACGGT ACCGTTGGGAAATGGACAGACTTG 1167 CCGACACATGGTGGGCTTTTTAAG CTTAAAAAGCCCACCATGTGTCGG 1168 ACAGACCAGCTTTTTGCGCAGATT AATCTGCGCAAAAAGCTGGTCTGT 1169 CGGCGATCCATTTCACTTCAAAGT ACTTTGAAGTGAAATGGATCGCCG 1170 GACGTTATCATGACACAGGTCGCG CGCGACCTGTGTCATGATAACGTC 1171 GGCAGAGTTGGATCGGATCCTCAA TTGAGGATCCGATCC	1161	GAGAACCACAGGTGGTCCACCCTA	TAGGGTGGACCACCTGTGGTTCTC
1164 ACCCAGAAGACATGGCATTCGCCT AGGCGAATGCCATGTCTTCTGGGT 1165 AAAAGCGCTGCTCTAACACCGCCG CGGCGGTGTTAGAGCAGCGCTTTT 1166 CAAGTCTGTCCATTTCCCAACGGT ACCGTTGGGAAATGGACAGACTTG 1167 CCGACACATGGTGGGCTTTTTAAG CTTAAAAAGCCCACCATGTGTCGG 1168 ACAGACCAGCTTTTTGCGCAGATT AATCTGCGCAAAAAAGCTGGTCTGT 1169 CGGCGATCCATTTCACTTCAAAGT ACTTTGAAGTGAAATGGATCGCCG 1170 GACGTTATCATGACACAGGTCGCG CGCGACCTGTGTCATGATAACGTC 1171 GGCAGAGTTGGATCGGATCCTCAA TTGAGGATCCGATCC	1162	CCTCGCTAGAGAAATCCACGGGAT	ATCCCGTGGATTTCTCTAGCGAGG
1165 AAAAGCGCTGCTCTAACACCGCCG CGGCGGTGTTAGAGCAGCGCTTTT 1166 CAAGTCTGTCCATTTCCCAACGGT ACCGTTGGAAATGGACAGACTTG 1167 CCGACACATGGTGGGCTTTTTAAG CTTAAAAAGCCCACCATGTGTCGG 1168 ACAGACCAGCTTTTTGCGCAGATT AATCTGCGCAAAAAGCTGGTCTGT 1169 CGGCGATCCATTTCACTTCAAAGT ACTTTGAAGTGAAATGGATCGCCG 1170 GACGTTATCATGACACAGGTCGCG CGCGACCTGTGTCATGATAACGTC 1171 GGCAGAGTTGGATCGGATCCTCAA TTGAGGATCCGATCC	1163	TAACATCGGTGCAAACCGTGGCGC	GCGCCACGGTTTGCACCGATGTTA
1166 CAAGTCTGTCCATTTCCCAACGGT ACCGTTGGGAAATGGACAGACTTG 1167 CCGACACATGGTGGGCTTTTTAAG CTTAAAAAGCCCACCATGTGTCGG 1168 ACAGACCAGCTTTTTGCGCAGATT AATCTGCGCAAAAAGCTGGTCTGT 1169 CGGCGATCCATTTCACTTCAAAGT ACTTTGAAGTGAAATGGATCGCCG 1170 GACGTTATCATGACACAGGTCGCG CGCGACCTGTGTCATGATAACGTC 1171 GGCAGAGTTGGATCGGATCCTCAA TTGAGGATCCGATCC	1164	ACCCAGAAGACATGGCATTCGCCT	AGGCGAATGCCATGTCTTCTGGGT
1167 CCGACACATGGTGGGCTTTTTAAG CTTAAAAAGCCCACCATGTGTCGG 1168 ACAGACCAGCTTTTTGCGCAGATT AATCTGCGCAAAAAAGCTGGTCTGT 1169 CGGCGATCCATTTCACTTCAAAGT ACTTTGAAGTGAAATGGATCGCCG 1170 GACGTTATCATGACACAGGTCGCG CGCGACCTGTGTCATGATAACGTC 1171 GGCAGAGTTGGATCGGATCCTCAA TTGAGGATCCGATCC	1165	AAAAGCGCTGCTCTAACACCGCCG	CGGCGGTGTTAGAGCAGCGCTTTT
1168 ACAGACCAGCTTTTTGCGCAGATT AATCTGCGCAAAAAGCTGGTCTGT 1169 CGGCGATCCATTTCACTTCAAAGT ACTTTGAAGTGAAATGGATCGCCG 1170 GACGTTATCATGACACAGGTCGCG CGCGACCTGTGTCATGATAACGTC 1171 GGCAGAGTTGGATCGGATCCTCAA TTGAGGATCCGATCC	1166	CAAGTCTGTCCATTTCCCAACGGT	ACCGTTGGGAAATGGACAGACTTG
1169 CGGCGATCCATTTCACTTCAAAGT ACTTTGAAGTGAAATGGATCGCCG 1170 GACGTTATCATGACACAGGTCGCG CGCGACCTGTGTCATGATAACGTC 1171 GGCAGAGTTGGATCGGATCCTCAA TTGAGGATCCGATCC	1167	CCGACACATGGTGGGCTTTTTAAG	CTTAAAAAGCCCACCATGTGTCGG
1170 GACGTTATCATGACACAGGTCGCG CGCGACCTGTGTCATGATAACGTC 1171 GGCAGAGTTGGATCGGATCCTCAA TTGAGGATCCGATCC	1168	ACAGACCAGCTTTTTGCGCAGATT	AATCTGCGCAAAAAGCTGGTCTGT
1171 GGCAGAGTTGGATCGGATCCTCAA TTGAGGATCCGATCC	1169	CGGCGATCCATTTCACTTCAAAGT	ACTTTGAAGTGAAATGGATCGCCG
1173 CCTCAATGCCACCGAATTCGGTAT ATACCGAATTCGGTGGCATTGAGG 1174 GGAGTTAGCGTGATTAGTCGCCCA TGGGCGACTAATCACGCTAACTCC 1175 GAACTCGACGTGTCACGGAAGGGT ACCCTTCCGTGACACGTCGAGTTC 1176 CACAAGCGACATTTCTGGTGCACG CGTGCACCAGAAATGTCGCTTGTG 1177 CCAGAATGCGTGAATTCGCGTCCT AGGACGCGAATTCACGCATTCTGG 1178 CAAGGGAGCCCTGCGAATTAGAGT ACTCTAATTCGCAGGGCTCCCTTG 1179 ATTCTTGCTTCGGACGACTAGCCG CGGCTAGTCGTCCGAAGCAAGAAT	1170	GACGTTATCATGACACAGGTCGCG	CGCGACCTGTGTCATGATAACGTC
1174 GGAGTTAGCGTGATTAGTCGCCCA TGGGCGACTAATCACGCTAACTCC 1175 GAACTCGACGTGTCACGGAAGGGT ACCCTTCCGTGACACGTCGAGTTC 1176 CACAAGCGACATTTCTGGTGCACG CGTGCACCAGAAATGTCGCTTGTG 1177 CCAGAATGCGTGAATTCGCGTCCT AGGACGCGAATTCACGCATTCTGG 1178 CAAGGGAGCCCTGCGAATTAGAGT ACTCTAATTCGCAGGGCTCCCTTG 1179 ATTCTTGCTTCGGACGACTAGCCG CGGCTAGTCGTCCGAAGCAAGAAT	1171	GGCAGAGTTGGATCGGATCCTCAA	TTGAGGATCCGATCCAACTCTGCC
1175 GAACTCGACGTGTCACGGAAGGGT ACCCTTCCGTGACACGTCGAGTTC 1176 CACAAGCGACATTTCTGGTGCACG CGTGCACCAGAAATGTCGCTTGTG 1177 CCAGAATGCGTGAATTCGCGTCCT AGGACGCGAATTCACGCATTCTGG 1178 CAAGGGAGCCCTGCGAATTAGAGT ACTCTAATTCGCAGGGCTCCCTTG 1179 ATTCTTGCTTCGGACGACTAGCCG CGGCTAGTCGTCCGAAGCAAGAAT	1173	CCTCAATGCCACCGAATTCGGTAT	ATACCGAATTCGGTGGCATTGAGG
1176 CACAAGCGACATTTCTGGTGCACG CGTGCACCAGAAATGTCGCTTGTG 1177 CCAGAATGCGTGAATTCGCGTCCT AGGACGCGAATTCACGCATTCTGG 1178 CAAGGGAGCCCTGCGAATTAGAGT ACTCTAATTCGCAGGGCTCCCTTG 1179 ATTCTTGCTTCGGACGACTAGCCG CGGCTAGTCGTCCGAAGCAAGAAT	1174	GGAGTTAGCGTGATTAGTCGCCCA	TGGGCGACTAATCACGCTAACTCC
1177 CCAGAATGCGTGAATTCGCGTCCT AGGACGCGAATTCACGCATTCTGG 1178 CAAGGGAGCCCTGCGAATTAGAGT ACTCTAATTCGCAGGGCTCCCTTG 1179 ATTCTTGCTTCGGACGACTAGCCG CGGCTAGTCGTCCGAAGCAAGAAT	1175	GAACTCGACGTGTCACGGAAGGGT	ACCCTTCCGTGACACGTCGAGTTC
1178 CAAGGAGCCCTGCGAATTAGAGT ACTCTAATTCGCAGGGCTCCCTTG 1179 ATTCTTGCTTCGGACGACTAGCCG CGGCTAGTCGTCCGAAGCAAGAAT	1176	CACAAGCGACATTTCTGGTGCACG	CGTGCACCAGAAATGTCGCTTGTG
1179 ATTCTTGCTTCGGACGACTAGCCG CGGCTAGTCGTCCGAAGCAAGAAT	1177	CCAGAATGCGTGAATTCGCGTCCT	AGGACGCGAATTCACGCATTCTGG
	1178	CAAGGGAGCCCTGCGAATTAGAGT	ACTCTAATTCGCAGGGCTCCCTTG
1180 TGCCACTTTGATTTCCAGATTGCC GGCAATCTGGAAATCAAAGTGGCA	1179	ATTCTTGCTTCGGACGACTAGCCG	CGGCTAGTCGTCCGAAGCAAGAAT
	1180	TGCCACTTTGATTTCCAGATTGCC	GGCAATCTGGAAATCAAAGTGGCA

1181 GATGGTCGGCAGATAAGTGGTGGG 1182 GTTCACACGGGTTGACCAACATGT ACATGTTGGTCAACCCGTGTGAAC 1183 GATTCAATTGCCCCATTCCTGCAT ATGCAGGAATGGAGCAATTGAATC 1184 TACCGGAAACTGAGGCTCGTGCTA ATGCAGGAATGGGGCAATTGAATC 1185 GGATCTTTACTCAGGGGCAGAGCC GGCTCTGCCCCTGAGTAAAGATCC 1186 GGCGAGTGCTTTGTTCTGTGTGGA TCCACACAGAACAAAGCACTCGCG 1187 GTCGTCGAAGTCCTT AAGGATGTACGCCATCGCGCAAGACAAAAGCACTCGCG 1188 ACGGGAATCTCCGAAGTGCGAGC GCTCGCACTTCGGGAAGACCACACGCG 1189 GGCCAAATGAGCCAGCAGACAA ATCTGCTGGCTACTTCGGAAGTTCCCGT 1190 CCATTGGAATACTGCGTGCGGCTT AAGCACTGCTGCTCATTTCGACC 1191 GGAAGACTTCGCGAGGGCACAATG CTTGTCGCACGTTCGGAAGTTCCCGT 1192 AGGGTGAATCTGCGAGGGCACAATG CATTGTGCCCTCTGCGAAGTTCCCCT 1193 TCGTCCCTCTGGTGGGGCTT AAGCCGCACCACGAGAATTTCCAATGG 1194 TGTGCAAATTATGCTGGGCGTGAG 1195 GTCGCCAACTGCAAGACAA ATCTGCACCCCAAGAGGAACAATG 1196 CCTCGAACCTCAAGAGCCAAACG TGAATTTCGACCCT 1197 CTTCATCACGTGCCGACT AGTTCGACCACCAGAGGGACCA 1198 CCTCCAACACTGCATGTGTGCCCA TGGGCACACTGAAGTTCACCCT 1199 CGGGGACCTCAAGAGACGAAACGA TCGTTTCTTTCTTTCACCAC 1199 CCTCGAACCCTCAAGACGAAACGA TCGTTTTCTTTTTTTTTT			
1183 GATTCAATTGCCCCATTCCTGCAT 1184 TACCGGAAACTGAGCCTCGTGCTA 1185 TACCGGAAACTGAGCCTCGTGCTA 1185 GGATCTTTACTCAGGGGCAGAGCC 1186 GGACCTTTGCCCCTGAGTAAAGATCC 1187 GTCGTCCGATGGCGTACATCCTT 1188 ACGGGATGCTTTGTTCTGTGGA 1187 GTCGTCCGATGGCGTACATCCTT 1189 GGTCGCAAAGTGCGAGC 1188 ACGGGAATCTCCCCGAAGTGCGAGC 1189 GGTCGAAATGAGCCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAAAGAACAAAGCACTCGCG 1190 CCATTGGAATACTGCGGAGCGAGT 1191 GGAAGACTTCGCGAGGCGCTT 1192 AGGGTGACTTCCAAAGTGCGAGC 1192 AGGGTGACTTCCAAAGTGCCGAGC 1193 TCGTCCCTCTGGAGGCCACAATG 1194 TGTGCAAATTATGCTGGAGCCACCAAATG 1195 GTCGCCAACTTGAAAGTCCCAACT 1196 CCTCGAAATTATGCTGGGCGTGAG 1197 TGTGCAAATTATGCTGGGCGTGAG 1198 CCTCCAACCCTCAAGACGAAACGA 1199 CCGCGAACTTCTCAAGACGAAACGA 1199 CCTCGAACCCTCAAGACGAAACGA 1199 CCTCGAACCCTCAAGACGAAACGA 1199 CCTCGAACCCTCAAGACGAAACGA 1199 CCTCGAACCCTCAAGACGAACGA 1199 CCGCGGACCTCAATGGACGTCTTA 1199 CCGCGGACCTCAATGGACGTCTTA 1199 CCGCGGACCTCAATGGACGCTTTA 1190 CCTCCAACCCTCAAGACGAACGA 1191 CCTTCATTCCCAGCAGGATGGCTT 1191 CTTCATCACCGTGACTTTTTTGCC 1192 AGGCTAACAGCGAACGA 1193 CCTTCATTCCCAGCAGAGAGGACGA 1194 CCTTCATTCCAGCAGGAGAGGATGGCTT 1195 CCTCCAACCCTCAAAACGACGAACGA 1196 CCTCCAACCCTCAACACGAACGA 1197 CTTCACACCGTGAGCGTTTA 1198 CCTTCAATCCCAGCAGGATGGCTT 1199 CGGGGACCTCAATGGACGTCTTA 1199 CGGGGACCTCAATGGACGTCTTA 1190 CCGCCTCTAGCGCTTGTTACGCC 1200 CGCCTCTAGCGCTTGTTACGCC 1200 CGCCTCTAGCGCTTGTTACGCC 1201 CTGCCAGACCTCAAAACAGGGACGG 1201 CTGCCAGACCTCAAAACAGGGACGG 1202 CTCCTTACACCGTGTGAGGGAACC 1203 TTTCATGCCCTGTAGAGGACC 1204 CTCCTTACACCGTGTAGAGGACC 1205 GGTTAATGGACCTCCCGCCA 1206 GGTTAATGGACCTCCCGCCA 1207 CTTCGCACTGCGGAATCAAACTGGC 1208 GGTTAATGGACCTCCCGCCA 1209 GACGGCCAACAAATTAACTCA 1207 CTTCGCACTGCGGAATCCAAACTCAACAGCTCAAAACTCGCCTCTGGCA 1208 GGTTAATGGACCTCTCGCGCA 1209 GACGGCCAAGACACGTC 1210 GACCTCCAAAAATTGGCCCCCGCCAGCACAACTTCACCCCCTCTGGCA 1211 GGGGCAAGAACTCAAAATTGGCCCCCGCAGCACAACTTCACCCCCTCTGCACCCCTCTCAAAAATTGGCTCTCTCAACGGCCAACACTTTTTTTGAGCCCACCCCCCCC	1181	GATGGTCGGCAGATAAGTGGTGGG	CCCACCACTTATCTGCCGACCATC
1184 TACCGGAAACTGAGCCTCGTGCTA 1185 GGATCTTTACTCAGGGGCAGAGCC GGCTCTGCCCCTGAGTAAAGATCC 1186 CGCGAGTGCTTTGTTCTGTGTGGA TCCACACAGAACAAAGCACTCGCG 1187 GTCGTCCCGATGCGTACATCCTT AAGGATGTACGCCATCGCGACCAC 1188 ACGGGAATCTCCCGAAGTGCGAGC GCTCGCACTTCGGGAAGTCACCACAGTCCCGACCAC 1188 ACGGGAATCTCCCGAAGTGCGAGC GCTCGCACTTCGGGAAGTTCCCCACAGTCCAGAGCAAGCA	1182	GTTCACACGGGTTGACCAACATGT	ACATGTTGGTCAACCCGTGTGAAC
1185 GGATCTTTACTCAGGGGCAGAGCC 1186 CGCGAGTGCTTTGTTCTGTTGGA 1187 GTCGTCGCGATGGCGTACATCCTT 1188 ACGGGAATCTCCCGAAGTGCGAGC 1188 ACGGGAATCTCCCGAAGTGCGAGC 1189 GGTCGAAATGACCAGCAGCAGAT 1190 CCATTGGAATACTGCGGCTT 11910 CCATTGGAAATCACGCGTGCGACTT 1191 GGAAGACTTCCGGAAGTGCGACT 1192 AGGGTGACTTCGGAAGCACACAT 1192 AGGGTGACTTCGCGAGGCACAATG 1193 TCGTCCCTCTGGTGGTCGAACT 1194 TGTGCAAATTATGCTGGTCGAACT 1195 GTCGCCAACTTGGTGGGCCAACT 1196 GCTCGAAATTATGCTGGGCGTGAG 1197 TGTGCAACTTTCGAAGGTCCGAACT 1198 GTCGCCAACTTGGTGGGCCAACT 1199 CCTCGAAGTCACCCC 1190 TCGCCCACTTGGTGGTCGAACT 1191 TGTGCAAATTATGCTGGGCGTGAG 1194 TGTGCAAATTATGCTGGGCGTGAG 1195 GTCGCCAACTGTCTATGTTGCCC 1196 CCTCGAACCCTCAAGACGAAACGA 1197 CTTCATCACTGACCTTTGTTGCC 1198 CCTCCAACACGACGAACGA 1199 CCTCGAACCCTCAAGACGAAACGA 1199 CTTCATCACTGACCTTTGTTGCC 1190 CGCCCACCTCAAGACGAACGA 1191 CTTCATCACGACGAGAGGAGCGCTT 1190 CGGGGACCTCAATGGACGTCTTA 1191 CTTCATCACGAGGAGAGCGA 1191 CTTCATCACGCGAGAGCGACCTT 1192 CGGGGACCTCAAAACAGGGACGC 1193 CTTCATCACGCGGCTTTA 1194 CTTCATCACGCGGGTTGATGAAC 1195 CTTCATCACCGCAGGATGGCTT 1196 CCTCGAACCCTCAACACGAGAGACGA 1100 CGCCTCTAGCGCTTGTTACGCC 1100 CGCCTCTAGCGCTTGTTACGCC 1100 CGCCTCTAGCGCTTGTTACGTCCA 1100 CGCCTCTAGCGCTTGTTACGTCCA 1100 CGCCTCTAGCGCTTGTTACGCC 1100 CGCCTCTAGCGCTTGTTACGCC 1100 CGCCTCTAGCGCTTGTAACGCC 1100 CGCCTCTACACCGGTGGAGACC 1100 CTCCAAAACAGGGACAC 1100 CTCCCAACACGGTGAACACCC 1100 CGCCTCTAGCCCTGTATACCC 1100 CGCCTCTACACCGCGTGAACACCC 1100 CGCCTCTACACCGCGTGAACACGCC 1100 CGCCTCTACACCGCTGTATACCC 1100 CGCCTCTACACCGCTTCAAAACACGCC 1100 CGCCTCTACACCCGTGTAACGCC 1100 CGCCTCTACGCCCTGGAACCCCCCCCCCCCCCCCCCCCC	1183	GATTCAATTGCCCCATTCCTGCAT	ATGCAGGAATGGGGCAATTGAATC
1186 CGCGAGTGCTTTGTTCTGTGTGA 1187 GTCGTCGCGATGGCGTACATCCTT AAGGATGTACGCCATCGCGACGAC 1188 ACGGGAATCTCCCGAAGTGCGAGC 1189 GGTCGAAATGAGCCAGCAGCAGAT 1190 CCATTGGAAATACTGCGTGCGGCTT AAGCCGCACGCAGTATTCCATTGACC 1191 GGAAGACTTCGCGAGGCGCTT AAGCCGCACGCAGTATTCCACTGGACC 1192 AGGGTGACTTCGAAGGTCCGAACT 1193 TCGTCCCTCTGGAGGCCACAATG 1194 TGTGCAAATTATGCTGGGCGCTT 1195 GTCGCAAATTATGCTGGGCGCTT 1196 CCTCGAACTTCGAAGGTCCGAACT 1197 GTCCCCTCTGGTGTGTCGAATCAC 1198 GTCGCCAACTGTCATGTGTGCCCA 1199 TCGTCCCTCTGGTGTCGAATCAC 1190 GCCCAACTGTCATGTGTGCCCA 1191 TGTGCAAATTATGCTGGGCGTGAG 1194 TGTGCAAATTATGCTGGGCGTGAG 1195 GTCGCCAACTGTCATGTGTGCCCA 1196 CCTCGAACCCTCAAGACGAAACGA 1197 CTTCATCACGTGACCTTTTGTTGCC GGCAACAAAAAGGTCACGTGATGAAG 1198 CCTTCATTCCCAGCAGGATGGCTT AAGCCATCCTGTGGTGAAGGAAGGA 1199 CGGGGACCTCAATGAAGAGGAACGA 1199 CGGGGACCTCAATGAGAGGGTCTTA TAAGACGCTCCATTGAGGTCCCGG 1200 CGCCTCTAGCGCTTGTTACGTCGA 1201 CTGCCAGACTCAAAACAGGGAACCG 1202 CTCCTTACACCGTGTGAGGGAACC 1203 TTTCATGCCATATCGCCCTCGCGAA 1203 TTTCATGCCATATCGCCTCGCGAA 1205 GTCTGACTGTCTGAGGGAACC 1206 GGTTAATGGACCGTTAACGCC 1207 CTTCGCACTGCGGAATCACAGC 1208 TGCCAGAACGGAATCTCAAGCC 1209 GACGGCGAACCAGGAATCCTCAAGCC 1200 GGCTTAACGCCTTTAACGCC 1201 CTGCCAGACTCAAAACAGGGAACC 1202 CTCCTTACACCGTGTGAGGGAACC 1203 TTTCATGCCATATCGCCTCGCGCA 1206 GGTTAATGGACCGCTCTGAACAACAGGCCATACAGGCCGTACAACA 1207 CTTCGCACTGCGGAATCTCAAGCT 1208 TGCCAGAGGCGTAAGAGCC 1209 GACGGCCAACAACTCTCAAGCT 1200 GACCTCCAAAGTCAGCTCTGGAA 1201 CTTCGCACTTGCAGAACAACAGCC 1202 CTCTTACACCGTGTAGGCC 1203 GGGCAGAACAACGCTCTGGAA 1204 TGCCAGAGCCTAAGACAGCCTCTGAACAACAGCCCTTCCACCGCTTCCATTAACCACCGTTCCATTAACCACCGTTCCATTAACCACCGTTCCATTAACCACCGTTCCATTAACCACCGTTCCATTAACCACCGTTCCATCAACACAGCCAACAACATTTTTTTT	1184	TACCGGAAACTGAGCCTCGTGCTA	TAGCACGAGGCTCAGTTTCCGGTA
1187 GTCGTCGCGATGGCGTACATCCTT AAGGATGTACGCCATCGCGACGAC 1188 ACGGGAATCTCCCGAAGTGCGAGC GCTCGCACTTCGGGAGATTCCCGT 1189 GGTCGAAATGAGCCAGCAGCAGCAGAT ATCTGCTGCTGGCTCATTTCGACC 1190 CCATTGGAATACTGCGTGCGGCTT AAGCCGCACGCAGTATTCCAATGG 1191 GGAAGACTTCGCGAGGGCACAATG CATTGTGCCCTCGCGAAGTCTTCC 1192 AGGGTGACTTCGAAGGTCCGAACT AGTTCGGACCTTCGAAGTCACCCT 1193 TCGTCCCTCTGGTGGTCGAATCAC GTGATTCGACCACAGAGGAACGA 1194 TGTGCAAATTATGCTGGGCGTGAG CTCACGCCCAGCATAATTTGCACCA 1195 GTCGCCAACTGTCATGTGTGCCCA TGGGCACACATGACAAGTTCACGG 1196 CCTCGAACCCTCAAGACGAAACGA TCGTTTCGTCTTGAGGGTTCGAGG 1197 CTTCATCACGTGACCTTTGTTGCC GGCAACACATGACAGTTGAGG 1198 CCTTCATTCCCAGCAGGATGGCTT AAGCCATCCATGAGGATCACG 1199 CGGGGACCTCAATGAGAGCGTTTA TAAGACGCTCCATTGAGGTCCCG 1200 CGCCTCTAGCGCTTTGTTACGTCGA TCGACGTCCATTGAGGTCCCG 1201 CTGCCAGACTCAAAACAGGGACCG CCGTCCCTTTTTGAGGTCCCG 1202 CTCCTTACACCGTGTGAGGACCG CCGTCCCTGTTTTGAGGTCCCG 1203 TTTCATGCCAACACAGGGACCG CCGTCCCTGTTTTTGAGTCTGGCAG 1204 CTGCCAGACTCAAACAGGGACCG CCGTCCCTGTTTTTGAGTCTGCAG 1205 GTCTGACTGCTCGCCCA TGCGCGAACAAAGGCAAAAGGCCTAGAAGA 1206 GGTTAATGGACCGTCTCACCGCCA TGCGCGAGCCGATATGGCATGAAA 1207 CTTCGCACTGCCCTGTATGCG CGCAATACAACGCCGTTCCATTAACC 1208 GGTTAATGGAACGGCGTTAACGCC CGCCTTAACGCCGTTCCATTAACC 1209 GACGGCGAGCCAGTATTAACTCA TGCACTGAGACCCTTCGCCCTTCGCAA 1208 TGCCAGAGCCAGAACACACCT AGCTTCAACCGCTTCCATTAACC 1209 GACGGCGAGCCAGTATTAACTCA TGAGTTAATACTGCCCCTTTGGCA 1210 GACCTCCAAAAATTGGCTCGCCC 1211 CGTTAGAGCATGAAAATTGGCGC CGCCCAAGAACTGACTTCAACG 1211 CGTTAGAGCATGACCAGACCTCTCAACGCCTTCCACCAGTTCCACCCGTTC 1212 CGTTGAGACAAAATTGGCTCGCCC 1213 GGGGCAAAAATTGGCTCCCCC 1214 TTTCGCCCTAAAGCAAAATTGGCTCCCCCTCT AGACGCAACACACCCAC 1213 GGGGCAAAAATTGGCTCCCCCTCT AGACCCAATTTTTAACCC 1214 TTTCGCCCTAAAAATTGGGTACCCCCCCTCT AGACGCAACACTTCAACCACCAATTTTTGAGCCCAAAATTTGAGCCC GCCCAAAACTTTCGCCCCCTTCAACCACCAATTTTTAACCCCCCTTAACCCCCC	1185	GGATCTTTACTCAGGGGCAGAGCC	GGCTCTGCCCCTGAGTAAAGATCC
1188 ACGGAATCTCCCGAAGTGCGAGC 1189 GGTCGAAATGAGCCAGCAGCAGCAGAT 1190 CCATTGGAATACTGCGTGCGGCTT 1191 AGGCGCACGCAGCAGTATTCCAATGG 1191 GGAAGACTTCGCGAGGGCACAATG 1192 AGGGTGACTTCGAAGGTCCGAACT 1193 TCGTCCCTCTGGTGGTCGAATCAC 1194 TGTGCAAATTATGCTGGTGCGAACT 1195 GTCGCCACTTGGTGGTCCGAATCAC 1196 CCTCGAACCTCCGAATCAC 1197 CTTCATCAAGGTCCGAACT 1197 CTTCATCAAGGACCACCAGAAGGACAATGTTCGACACACAGAGGGACGA 1198 CCTTCAAGACCACCAGAAGGAACGA 1199 CTTCATCACAGTGACCACTTTGTTGCC 1190 CGGGGACCTCAAGACGAAACGA 1191 CTTCATCCAGCAGGACGAAACGA 1192 CTTCATTCCCAGCAGGATGGCTT 1193 CCTTCATTCCCAGCAGGATGGCTT 1194 TGTGCCAATGACACTTTGTTGCC 1195 GCCCAACTGTCATGTGTGCCCA 1196 CCTCGAACCCTCAAGACGAAACGA 1197 CTTCATCACGTGACCTTTGTTGCC 1198 CCTTCATTCCCAGCAGGATGGCTT 1199 CGGGGACCTCAATGAGAGCGATTCA 1199 CGGGGACCTCAATGAGAGCGTCTTA 1199 CGGCGACCTCAATGAGAGCGTCTTA 1190 CGCCTCTAAGGAGCGTCTTA 1200 CGCCTCTAAGGAGCGTCTTA 1201 CTGCCAGACTCAAAACAGGGACGG 1202 CTCCTTACACCCTGTGAGGACCG 1203 TTTCATCCCATTCGCCCCGCA 1203 TTTCATGCCATTCGCCCCTGCGCA 1204 GGTTAATGGACCGTTTATCGC 1205 GTCTGACTGTCTTGCCCCTGTTATGCG 1206 GGTTAATGGAACGGCGTTAACGCG 1207 CTTCGCACTGCGGAATCTCAAGCT 1208 GGCTGACTGTTGCCCCTGTTATGCG 1209 GACGGCGAGCCAGTATTAACGCG 1208 TGCCAGAGGCGAACCAGTCCAGAC 1209 GACGGCGAGCCAGTATTAACTCA 1209 GACGGCCAGCAGTATTAACTCA 1210 GACCTCCAAAGTCAGGCCGGC 1211 CGTTAGACCCGAACCAGTC 1212 GTGGGCTCAAAAATTGGCGC 1213 GGGGCAAGAACACGGC 1214 TTTCGCCCTAAGAGCAAACACGTC 1215 GGCGCAAAAATTGGCCGC 1216 GGCTTAACACCGGATCCCCA 1217 ACTGAAGCTAAAATTGGCTCCTCT 1218 CGCGGAGGAGATCACCGGATCCCCTCT 1219 CACGGGGGAGAAAAATTGGCCC 1211 TTCGCCCTACAAGGCCAACACGTC 1212 GGGGCCAAGAAAATTGGCCC 1213 GGGGCAAGAACACGGCC 1214 TTTCGCCCTACAAAGTCACCGCCCCCCTC 1214 TTTCGCCCTACAAAGTCACCGGCCCCCTCT 1216 CCTTGAAGCCGAACCACGTC 1217 ACTGAAGCTGGAACCAGGCCATTCC 1218 AGCACTGGAACCAGGCCATTCC 1218 AGCACTGGAACCAGGCCATTCC 1218 AGCACTGGAACCAGGCCATTCC 1218 AGCACTGGAACCAGGCCATTCC 1218 AGCACTGGAACCAGGCCATTCC 1218 AGCACTGGTTCACATGGGACCCATTCC 1218 AGCACTGGTTCACATGGGACCCATTCC 1218 AGCACTGGTTCACATGGGACCCATTCC 1218 AGCACTGGTTCACATGGGAGCC	1186	CGCGAGTGCTTTGTTCTGTGGA	TCCACACAGAACAAAGCACTCGCG
1189 GGTCGAAATGAGCCAGCAGCAGAT ATCTGCTGGCTCATTTCGACC 1190 CCATTGGAATACTGCGTGCGGCTT AAGCCGCACGAGTATTCCAATGG 1191 GGAAGACTTCGCGAGGGCACAATG CATTGTGCCCTCGCGAAGTCTTCC 1192 AGGGTGACTTCGAAGGTCCGAACT AGTTCGACCCTCGCAAGTCACCCT 1193 TCGTCCCTCTGGTGGTCGAATCAC GTGATTCGACACCAGAGGGACGA 1194 TGTGCAAATTATGCTGGGCGTGAG CTCACGCCCAGCATAATTTGCACA 1195 GTCGCCAACTGTCATGTGTCCCA TGGGCACACAGAAGAGTTCGAGC 1196 CCTCGAACCCTCAAGACGAAACGA TCGTTTCGTTTGAGGTTCGAGC 1197 CTTCATCACGTGACCTTTTGTTGCC GGCAACAAAGGTCACCTTGAAGGACGAACGA 1198 CCTTCATTCCAGCAGGATGGCTT AAGCCATCCTTGGAGGTTCGAGG 1199 CGGGGACCTCAATGAGGAGCGTTTA TAAGACGCTCCATTGAGGTTCCCG 1200 CGCCTCTAGCGCTTGTTACGTCGA TCGACCTCATTGAGGTCCCCG 1201 CTGCCAGACTCAAAACAGGGACGG CCGTCCCTTTTTGAGGTCCCG 1202 CTCCTTACCCGTGTGAGGGAACC GGTTCCCTCACACGGTGTAAGGAG 1203 TTTCATGCCATAAAACAGGGACGG CGTCCCTGTTTTTGAGTCTGGCAG 1204 CTCGCACACTCAAAACAGGGACCG CGCATACAAGGCCAGCAGCAGCACACACACGCAGCACCACACACACGTGATAACACAGGCACCACACACA	1187	GTCGTCGCGATGGCGTACATCCTT	AAGGATGTACGCCATCGCGACGAC
1190 CCATTGGAATACTGCGTGCGGCTT 1191 GGAAGACTTCGCGAGGGCACAATG 1192 AGGGTGACTTCGCAAGGCCACAATG 1193 TCGTCCCTCTGGTGGTCGAACT 1193 TCGTCCCTCTGGTGGTCGAATCAC 1194 TGTGCAAATTATGCTGGGCGTGAG 1195 GTCGCCAACTGCATGTGTGCCCA 1196 CCTCGAACCCTCAAGACGAAACGA 1197 CTTCATCACGTGACCCTTGGTGGTCGAACT 1198 CCTTCATCCAGCACACAGAGGTCCGAC 1199 CTCCTCAAGACCACAAGAGAACGA 1199 CTTCATCACGTGACCTTTGTTGCC 1199 CGGGGACCTCAATGAGCGTTTA 1190 CGGCGAACCTCAAGACGAAACGA 1191 CTTCATCACGTGACCTTTGTTGCC 1190 CGGCGACCTCAATGAGCGTTTA 1190 CGGGGACCTCAATGAGCGTTTA 1190 CGGCGACCTCAATGAGCGTTTA 1190 CGGCGACCTCAATGAGCGTTTTA 1190 CGGCGACCTCAATGAGCGTCTTA 1200 CGCCTTTAGCGCTTGTTACGTCGA 1201 CTGCCAGACTCAAAACAGGGACGG 1202 CTCCTTACACCTGTGTAGAGCGTCTTA 1203 TTTCATGCCATAAAACAGGGACGG 1204 CTCCTTACACCTGTGAGGAACC 1205 GTCTGACTGTCTGCCCTGTATGCG 1206 GGTTAATGGAACGGCGTTTAACGCG 1207 CTTCGCACTGCTGCCCTGTATGCG 1208 GGTTAATGGAACGGCGTTAACGCG 1209 CACCTGCAGAGCGTTCAACGCG 1209 CACCTGCAGAACTCAAGCT 1209 CACCTCCAAAGACGGACCT 1210 GACCTCCAAAGTCAGCT 1211 CGTCAAAGCGCGAACCCGGAACCTCAACGCTCCTGCCATTAACC 1212 GACGGCCGAACCCAATATAACTCA 1213 GGGCCAAAAATTGGCTTGCGC 1214 CGTTAAGAGCAGACCCGATCACCCC 1214 TTTCGCCCTACAAAAATTGGGTACCCC 1215 TACGGCGTGAAAAATTGGCTCCCTCTCTCCCCCCTCCCCCCCC	1188	ACGGGAATCTCCCGAAGTGCGAGC	GCTCGCACTTCGGGAGATTCCCGT
1191 GGAAGACTTCGCGAGGGCACAATG CATTGTGCCCTCGCGAAGTCTTCC 1192 AGGGTGACTTCGAAGGTCCGAACT AGTTCGACCTTCGAAGTCACCCT 1193 TCGTCCCTCTGGTGGTCGAATCAC GTGATTCGACCACCAGAGGGACGA 1194 TGTGCAAATTATGCTGGGCGTGAG CTCACGCCCAGCATAATTTGCACA 1195 GTCGCCAACTGTCATGTGTGCCCA TGGGCACACATGACAGTTGGCGAC 1196 CCTCGAACCCTCAAGACGAAACGA TCGTTTCGTCTTGAGGGTCCAGG 1197 CTTCATCACGTGACCTTTGTTGCC GCCAACAAAGGTCACGTGATGAAG 1198 CCTTCATTCCCAGCAGGATGGCTT AAGCCATCAGTGAGGATGAAG 1199 CGGGGACCTCAATGGAGGTTTA TAAGACGTCCATTGAGGTCCCCG 1200 CGCCTCTAGCGCTTGTTACGTCGA TCGACGTAACAAGGTCACTTGAGGCCG 1201 CTGCCAGACTCAAAACAGGGACGG CCGTCCCTGTTTTGAGTCCCGG 1202 CTCCTTACACCGTGTGAGGGAACC GGTTCCCTCACACGGTTAAGGAG 1203 TTTCATGCCATATCGCCCTCGCGCA TGCGCAGGACAAAGGTTAAGAAA 1205 GTCTGACTGTCGCCCTGTATGCG CGCATACAGGCAGACAGTCAGAC 1206 GGTTAATGGAACGGCGTTAACGCC CGCGTTAACGCCAGTCCATTAACC 1207 CTTCGCACTGCGCATTCCACCTCGCAA 1208 TGCCAGAGCGTAGAACC TCCACACGGTTAACACC 1209 GACGGGCGAACCTCAAACCGC TGCGCAATTCGCCCTTGGCAA 1208 TGCCAGAGCCGTTAACGCC CGCGTTAACCGCCGTTCCACACGTTCCATTAACCC 1209 GACGGGCGAACCTCAAGCT AGCTTCAAGCT TCCACCACGTTCCACTACGCC 1210 GACCTCCAAAGTCAGGCTTGGA TCCAGGACTCCTCACGCCTCTGGCA 1209 GACGGGCGAGCCAGTATTAACCTCA TGAGTTAACTCA TGAGTTAACTCACCCCTTCGCAC 1210 GACCTCCAAAGTCAGTCTTGGCG CCGCCAAGACTGACTTTTGGAGGTC 1211 CGTTAGAGCATGACCGAACACGTC GACGTTCCAACTTTTTGAGCCCCCTTCACCG 1212 GTGGGCTCAAAAATTGGGTACGCC GCCCCAAGACTGACTTTTTGAGCCCCC 1213 GGGCCAAAAATTGGGTACGCC GCCCCAAGACTGACTTTTTTGAGCCCCC 1214 TTTCGCCCTACGAACCGAACACTCT AGCACTCCTCTCTCCCC 1214 TTTCGCCCTACGAACCGAACACTTC AACACTCCCCTTCACCCCTTAACCC 1215 TACGGGGTGATCTAACCCCC CGCCAAGACTTCCTCTCACCCCTTAACCC 1216 CCTGTGAGTTCAACGCC CCGCCAAGACTTCCACCCCTTAACCCCCTTAACCCCCTTCCTCCCCC 1217 ACTGAGCTGAACAGCCAACCTTCC CACCGGCTTCCACCCCTTCACCGCCTTCACCCCCTTAACCCCCCTTAACCCCCCTACGAACCACACTCCCCCCTACAAAATTTTTCACCCCCCTACAAAATTTTTCACCCCCC	1189	GGTCGAAATGAGCCAGCAGCAGAT	ATCTGCTGCTGGCTCATTTCGACC
1192 AGGGTGACTTCGAAGGTCCGAACT 1193 TCGTCCCTCTGGTGGTCGAATCAC 1194 TGTGCAAATTATGCTGGGCGTGAG 1195 GTCGCCAACTGTCATGTGTGCCCA 1195 GTCGCCAACTGTCATGTGTGCCCA 1196 CCTCGAACCCTCAAGACGAAACGA 1197 CTTCATCACGTGACCTTTGTTGCC 1198 CCTTCATCACGTGACCTTTGTTGCC 1198 CCTTCATCACGTGACCTTTGTTGCC 1198 CCTTCATCACGTGACCTTTGTTGCC 1198 CCTTCATCACGTGACCTTTGTTGCC 1199 CGGGGACCTCAATGGAGGATGGCTT 1199 CGGGGACCTCAATGGAGGGTCTTA 1199 CGGCGGACCTCAATGGAGGGTCTTA 1190 CGCCTCTAGCGCTTGTTACGTCGA 1200 CGCCTCTAGCGCTTGTTACGTCGA 1201 CTGCCAGACTCAAAACAGGGACGG 1202 CTCCTTACACCGTGTGAGGGACC 1203 TTTCATCCCCAGCAGGAAACC 1203 TTTCATCCCCTCCCCCCA 1206 GGTTAATGGACCTTCATTGAG 1207 CTTCGCACTATCGCCTTGTATGCG 1208 GGTTAATGGAACGGCGTTAACACC 1209 GACGGGGAACCTCAAACAGGCATTACGCC 1200 CTCTTACACCGTGTATGCG 1201 CTGCCAGACTCAACACGGCGTTAACGCC 1202 CTCCTTACACCGTGTATGCG 1203 TTTCATCCCATATCGCCTCGCACA 1204 GTCTGACTGTCGCCTTGTATGCG 1205 GTCTGACTGTCGCCTGTATGCG 1206 GGTTAATGGAACGGCGTTAACGCC 1207 CTTCGCACTGCGGAATCTCAAGCT 1208 TGCCAGAGCGAACCTGGA 1209 GACGGGCGAACCAGTCTGGA 1209 GACGGGCGAAGCCAGTATAACCC 1209 GACGGGCGAAGCCAGTATTAACCTCA 1209 GACGGCCGAGGCCAATATTACCCC 1210 GACCTCCAAAGTCAGTCTTGGCG 1211 CGTTAGAGCATGACCGAACACGTC 1212 GTGGGCTCAAAAATTGGGTACGCC 1213 GGGCCAAAAATTGGGTACGCC 1214 TTTCGCCCTACGAACCGAACACGTC 1215 GACCTCCAAAAATTGGGTACGCC 1216 CGTTAGAGCTGAACACGGCC 1217 ACGGGGTGATTAACCCCC 1218 ACGGGGTGATTAACCCCCCGTC 1219 GACCTCCAAGACTCAACGCCCCTCTCT 1210 CGTTAGAGCATGACCGAACACGTC 1211 CGTTAGAGCATGACCGAACACGTC 1212 GTGGCCTCAAAAATTGGGTACGCC 1213 GGGCCAAAAATTGGGTACGCC 1214 TTTCGCCCTACGAACCGAACACGTC 1215 TACGGGGTGATCTCAACGCC 1216 CCTGTGAGTTCAACGCCGTTCCTCT 1217 ACGGGGTGATCTCAACGCCGTTCCCCCTTACCGCCTTCACCCCCTTACCGCCTTCACCCCCTTACCGCCTTCACCGCCTTCACCACACGCGTTCCACCACGCGTTCCACCACGCGTTCCACACGCGTTCCACACGCGTTCCACCACGCGTTCCACCACGCGTTCCACACGCGTTCCACACGCGTTCCACACGCGTTCCACACGCGTTCCACACGCGTTCCACACGCGTTCCACACGCGTTCCACACGCGTTCCACACGCGTTCCACACGCGTTCCACACGCGTTCCACACGCGTTCCACACGCGTTCCACACGCGTTCCACACGCGTTCCACACGCGTTCCACACGCGTTCCACACGCGTTCCACACGCGTTCCACACGCGTTCCACACGCGTTCCACCACGCGTTCCACACGCGTTCCACACGCGTTCCACACGCGTTCCACACGCGTTCCACACGC	1190	CCATTGGAATACTGCGTGCGGCTT	AAGCCGCACGCAGTATTCCAATGG
1193 TCGTCCCTCTGGTGGTCGAATCAC 1194 TGTGCAAATTATGCTGGGCGTGAG 1195 GTCGCCAACTGTCATGTGTGCCCA 1196 CCTCGAACCCTCAAGACGAAACGA 1197 CTTCATCACGTGACCTTTGTTGCC 1198 CCTTCATCCCAGCACGACGAAACGA 1199 CGGGGACCTCAAGACGAAACGA 1199 CGGGGACCTCAATGACGTTTA 1190 CGGGGACCTCAATGACGTTTA 1191 CTTCATCCAGCAGGATGGCTT 1191 CGGGGACCTCAATGGAGCGTCTTA 1192 CGGGGACCTCAATGGAGCGTCTTA 1193 CGGCGACCTCAATGGAGCGTCTTA 1194 CGGCGACCTCAATGGAGCGTCTTA 1195 CGGCGACCTCAATGGAGCGTCTTA 1196 CCTCCTTAGCGCTTGTTACGTCGA 1197 CTCCTAGCGCTTGTTACGTCGA 1198 CCTCCTTAGCGCTTGTTACGTCGA 1199 CGGCGACCTCAAAACAGGGACGG 1200 CGCCTCTAGCGCTTGTTACGTCGA 1201 CTGCCAGACTCAAAACAGGGACGG 1202 CTCCTTACACCGTGTGAGGGAACC 1203 TTTCATGCCATATCGCCTCGCGCA 1204 CTCCTTACACCGTGTGAGGGAACC 1205 GTCTGACTGTCTGCCCTGTATGCG 1206 CGTTAATGGAACGGCGTTAACGCG 1207 CTTCGCACTGCGGAATCTCAAGCT 1208 TGCCAGAGGCGTAGGAGTCCTGGA 1209 GACGGGCGAGCCAGTATTAACTCA 1209 GACGGGCGAGCCAGTATTAACTCA 1209 GACGGGCGAGCCAGTATTAACTCA 1210 GACCTCCAAAGTCAGTCTTGGCGG 1210 CGTTAGAGCATGACCGAACACGTC 1210 GACCTCCAAAGTCAGTCTTGGCGG 1211 CGTTAGAGCATGACCGAACACGTC 1212 GTGGGCTCAAAAATTGGGTACGCC 1213 GGGGCAGAGATCACCGAACACGTC 1214 TTTCGCCCTACGAGCGAACCGTC 1215 TACGGGGTGATGTTAAGCTC 1216 CCTGTGAGTTCAGAGCTACCCCGTA 1217 ACTGAAGCTGGAACACGGCC 1218 AGCACTGGTATGTAAGCTCCCCCTTCAGCCTTCCAGCCCCGTC 1219 ACTGAAGCTGAACACGCGCCCGTC 1210 CCTCCAAAGTCAGCCGAACACCGCC 1211 CGTTAGAGCATGACCGAACACGTC 1212 GTGGGCTCAAAAATTGGGTACCCC 1213 GGGGCAGAGATCACCGCGTCCTCT 1240 CTCCTCAAAAATTGGGTACCCC 1251 ACTGAAGCTGAACACGCGCTCCTCT 1260 CCCCTCACGAACACCGCC 1271 ACTGAAGCTGAACACGCGCCCCCCTC 1271 ACTGAAGCTGAACACGCCCCCCTCCCCCCCCCCCCCCCC	1191	GGAAGACTTCGCGAGGGCACAATG	CATTGTGCCCTCGCGAAGTCTTCC
1194 TGTGCAAATTATGCTGGGCGTGAG CTCACGCCCAGCATAATTTGCACA 1195 GTCGCCAACTGTCATGTGTGCCCA TGGGCACACATGACAGTTGGCGAC 1196 CCTCGAACCCTCAAGACGAAACGA TCGTTTCGTCTTGAGGGTTCGAGG 1197 CTTCATCACGTGACCTTTGTTGCC GGCAACAAAGGTCACGTGATGAAG 1198 CCTTCATCCCAGCAGGATGGCTT AAGCCATCCTGCTGGGAATGAAGG 1199 CGGGGACCTCAATGGAGCGTCTTA TAAGACGCTCCATTGAGGTCCCCG 1200 CGCCTCTAGCGCTTGTTACGTCGA TCGACGTACAAGCGCTAGAGGCG 1201 CTGCCAGACTCAAAACAGGGACCG CCGTCCCTGTTTTTGAGTCTGGCAG 1202 CTCCTTACACCGTGTGAGGGAACC GGTTCCCTCACACGGTGTAAGGAG 1203 TTTCATGCCATATCGCCTCGCGCA TGCGCGAGGCGATATGGCATGAAA 1205 GTCTGACTGTCTGCCCTGTATGCG CGCATACAGGGCAGACAGTCAGAC 1206 GGTTAATGGAACGGCGTTAACGCG CGCGTTAACGCCGTTCCATTAACC 1207 CTTCGCACTGCGGAATCTCAAGCT AGCTTGAGATTCCGCAGTGCAAG 1208 TGCCAGAGGCGTAGGAGTCCTGGA TCCAGGACTCCTACGCCTCTGGCA 1209 GACGGGCGAGCCAGTATTAACTCA TGAGTTAATCTGGCCCCGTC 1210 GACCTCCAAAGTCAGCG CCGCCAAGACTCACCCCTTCGCC 1211 CGTTAGAGCATGCCGAACACGTC GACGTTTCCTTACGC 1212 GTGGGCTCAAAAATTGGGTACGC CGCCCAAGACTGACTTTGAGGTC 1213 GGGGCAGAGATCACCGAACACGTC GACGTTTCGTCCTTAACG 1214 TTTCGCCCTACGAACACGGT CAAGACTCCTACGCCTTCGCCC 1214 TTTCGCCCTACGAAGCGAACCGC GCCGTAACATTTTTTGAGCCCAC 1215 TACGGGTGATGTTAAGCTAC GCCGTTCCTTCGCCCC 1214 TTTCGCCCTACGAAGCGAACTCCT ACAGGAACTCCTTCGCCCC 1215 ACTGAAGCTGAACACGCG CGCGTAACACTCCACAGGCAAA 1216 CCTGTGAGTTTAACCCC GCCGTAGCTTCAACACCCCGTA 1217 ACTGAAGCTGGAACACGCC TGGAACCCGTTCCACACGCTTCAACCCCCTTCAACCCCTTCAACCCCCTTCAACCCCCTTCAACCCCCTTCAACCCCCTTCAACCCCCTTCAACCCCCTTCAACCCCCTTCAACCCCCTTCAACCCCCTTCAACCCCCC	1192	AGGGTGACTTCGAAGGTCCGAACT	AGTTCGGACCTTCGAAGTCACCCT
1195 GTCGCCAACTGTCATGTGTGCCCA 1196 CCTCGAACCCTCAAGACGAAACGA 1197 CTTCATCACGTGACCTTTGTTGCC GGCAACAAAGGTCACGTGATGAAG 1198 CCTTCATTCCCAGCAGGATGGCTT AAGCCATCCTGCTGGGAATGAAGG 1199 CGGGGACCTCAATGGAGCGTCTTA TAAGACGCTCCATTGAGGTCCCCG 1200 CGCCTCTAGCGCTTGTTACGTCGA 1201 CTGCCAGACTCAAAACAGGGAACG 1202 CTCCTTACACCGTGTGAGGGAACC 1203 TTTCATGCCATGAGGGAACC 1203 TTTCATGCCATATCGCCTCGCGA 1205 GTCTGACTGTTACCCTCGCAC 1206 GGTTAATGGACCGTTGAACACGCG 1207 CTTCGCAATACACGGAACC 1208 GGTTAATGGAACGGCTTAACGC 1209 GACGGCAGATCTCAAAACAGGGAACC 1207 CTTCGCACTGCGGAATCTCAAGCT 1208 TGCCAGAGGCGTAGAGCT 1209 GACGGCGAGCCAGTATTAACTCA 1209 GACGGCGAGCCAGTATTAACTCA 1210 GACCTCCAAAACTGGCGCGC 1211 CGTTAGAGCAGCCGTTCCTTGCG 1212 GTGGGCTCAAAATTGGGTCCCCGTC 1213 GGGCCAGAGATCTCAACGC 1214 TTTCGCCCTACACGGTTCCTC 1215 TACGGGGTGATGACCCC 1216 CGTTAACGCCGTTCCTCCCCCCTC 1217 ACGGGGTGATGACCCC 1217 ACGGGGTGATTAACCCC 1218 TACGGGGTGATGACCCCCCCCCCCCCCCCCCCCCCCCCC	1193	TCGTCCCTCTGGTGGTCGAATCAC	GTGATTCGACCACCAGAGGGACGA
1196 CCTCGAACCCTCAAGACGAAACGA 1197 CTTCATCACGTGACCTTTGTTGCC GGCAACAAAGGTCACGTGATGAAG 1198 CCTTCATTCCCAGCAGGATGGCTT AAGCCATCCTGCTGGGAATGAAGG 1199 CGGGGACCTCAATGGAGCGTCTTA TAAGACGCTCCATTGAGGTCCCCG 1200 CGCCTCTAGCGCTTGTTACGTCGA TCGACGTAACAAGCGCTAGAGGCG 1201 CTGCCAGAACCAAAACAGGGAACG CCGTCCCTGTTTTGAGTCTGGCAG 1202 CTCCTTACACCGTGTGAGGGAACC GGTTCCCTCACACGGTGTAAGGAG 1203 TTTCATGCCATATCGCCTCGCGCA TGCGCGAGGCGATATGGCATGAAA 1205 GTCTGACTGTCTGCCCTGATGCG CGCATACAGGGCAGACAGTCAGAAC 1206 GGTTAATGGAACGGCGTTAACGCG CGCGTTAACGCCGTTCCATTAACC 1207 CTTCGCACTGCGGAATCTCAAGCT AGCTTGAGATTCCGCAGTGCGAAG 1208 TGCCAGAGGCGTAGGAGTCCTGGA TCCAGGACTCCTACGCCTCTGGCA 1209 GACGGCGAGCCAGTATTAACTCA TGAGTTAATACTGGCTCGCCCGTC 1210 GACCTCCAAAGTCAGTCTTGGCG CCGCCAAGACTGACTTTGGAGGTC 1211 CGTTAGAGCATGACCGAACACGTC GACGTGTCAACGCTCTAACG 1212 GTGGGCTCAAAAATTGGGTACGCC GGCGTACCCAATTTTTGAGCCCAC 1213 GGGGCAGAGATCACGGATCCTCT AGAGGAACGCTTTGGAGGTC 1214 TTTCGCCCTACGAACGCAACACGTC GACGTGTCCATTAACGC 1215 TACGGGGTGATGTAAGCTC GAAACTTCGCTCTCACGC 1216 CCTGTGAGTCTAAGCTACCCC GGCGTACCCAATTTTTTGAGCCCAC 1217 ACCGGGTGATGTAAGCTACCCC CGCGTAACACTCACCCCGTA 1218 AGCACTGGAACACGCCTTCC CAAACCTTCAACGCCCCGTA 1218 AGCACTGGAACACGCCATTCCCCCTTC ACACGCCTTCAACACCCCGTA 1218 AGCACTGGAACACGGCCATTCCCCCTTCCCCCTTCCAACCCCCGTA 1218 AGCACTGGAACACGCCATTCCCCCTTCCAACCCCATTCCAACTCACACCCCGTA 1218 AGCACTGGAACACGGCCATTCCCCCTTCCAACCCCACTTCCAACCCCCGTA 1218 AGCACTGGAACACGCCATTCCCCCTTCCAACCCCACTTCCAACCCCACTTCCAACCCCACTTCCAACCCCACTTCCAACCCCACTTCCAACCCCACTTCCAACCCCCGTA 1216 CCTGTGAGTCTGAACACGCCCTCTCCCCCCTCCCCCCTCCCCCCTCCCCCCCC	1194	TGTGCAAATTATGCTGGGCGTGAG	CTCACGCCCAGCATAATTTGCACA
1197 CTTCATCACGTGACCTTTGTTGCC GGCAACAAAGGTCACGTGATGAAG 1198 CCTTCATTCCCAGCAGGATGGCTT AAGCCATCCTGCTGGGAATGAAGG 1199 CGGGGACCTCAATGGAGCGTCTTA TAAGACGCTCCATTGAGGTCCCCG 1200 CGCCTCTAGCGCTTGTTACGTCGA TCGACGTAACAAGCGCTAGAGGCG 1201 CTGCCAGACTCAAAACAGGGACGG CCGTCCCTGTTTTGAGTCTGGCAG 1202 CTCCTTACACCGTGTGAGGGAACC GGTTCCCTCACACGGTGTAAGGAG 1203 TTTCATGCCATATCGCCTCGCGCA TGCGCGAGGCGATATGGCATGAAA 1205 GTCTGACTGTCTGCCCTGTATGCG CGCATACAGGGCAGACAGTCAGAC 1206 GGTTAATGGAACGGCGTTAACGCG CGCGTTAACGCCGTTCCATTAACC 1207 CTTCGCACTGCGGAATCTCAAGCT AGCTTGAGATTCCGCAGTGCGAAG 1208 TGCCAGAGGCGTAGGAGTCCTGGA TCCAGGACTCCTACGCCTCTGGCA 1209 GACGGCGAGCCAGTATTAACTCA TGAGTTAATACTGGCTCGCCCGTC 1210 GACCTCCAAAGTCAGTCTTGGCGG CCGCCAAGACTGACTTTTGAGGTC 1211 CGTTAGAGCATGACCGAACACGTC GACGTGTCAATTTTTTGAGCCCAC 1212 GTGGGCTCAAAAATTGGGTACGCC GGCGTACCCAATTTTTTTTTT	1195	GTCGCCAACTGTCATGTGTGCCCA	TGGGCACACATGACAGTTGGCGAC
1198 CCTTCATTCCCAGCAGGATGGCTT AAGCCATCCTGCTGGGAATGAAGG 1199 CGGGGACCTCAATGGAGCGTCTTA TAAGACGCTCCATTGAGGTCCCCG 1200 CGCCTCTAGCGCTTGTTACGTCGA 1201 CTGCCAGACTCAAAACAGGGACGG 1202 CTCCTTACACCGTGTGAGGGAACC GGTTCCCTCACACGGTGTAAGGAG 1203 TTTCATGCCATATCGCCTCGCGCA 1205 GTCTGACTGTCTGCCCTGTATGCG 1206 GGTTAATGGAACGGCGTTAACGCG 1207 CTTCGCACTGTCTACCCCTGTATGCG 1208 TGCCAGAGCGAATCTCAAGCT 1209 GACGGCGAACCCTGCGCA 1209 GACGGGCGAATCTCAAGCT 1209 GACGGGCGAACCCTGCGCA 1210 GACCTCCAAAGTCAGCC 1211 CGTTAGAGCAGCCAGTTAACTCA 1212 GTGGGCTCAAAAATTGGCGG 1213 GGGGCAGACAGTCAACG 1214 TTTCGCCCTACAACATCTCT 1215 TACGGGGTGATCACGCC 1216 CCTGTGAGATCCCCCCGTC 1217 ACTGAACTCTGAACCCCGTTCCACCCCGTA 1218 AGCACTGGAACCACGCC 1217 ACTGAAGCCTGAACACGCC 1218 AGCACTGGAACACGCC 1219 CACGGGGTGATTAACCCCC 1210 CGTGGGCTCAAAAATTGGGTACGCC 1211 CGTTAGAGCATGACCGAACACGTC 1212 GTGGGCTCAAAAATTGGGTACGCC 1213 GGGGCAGAGATCACCGCGTTCCTCT 1214 TTTCGCCCTACGAACCGAACTTCCTCT 1215 ACGGGGTGATGTTAAGCTACGCG 1216 CCTGTGAGATCTCAAGCGAACCGTGT 1217 ACTGAAGCTGGAACACGCCTTCCCC 1218 AGCACTGGTTCACATGGCTCCACCTTCACGCCTTCACGCCTTCACGCCCCGTA 1218 AGCACTGGTTCACATGGGAGCCAATTCCCCCCGTA 1218 AGCACTGGTTCACATGGGAGCCAATTCCCCCCGTA 1218 AGCACTGGTTCACATGGGAGCCAATTCCCCCATGTTCCACCCCGTA 1218 AGCACTGGTTCACATGGGAGCCAATTCCCCCATGTGAACCAGTGCT 1218 AGCACTGGTTCACATGGGAGCCAATTCCACTCCCCTTCACGCTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACGTTCCACTTCACTTCCACCCCGTACCACTTCACACTCACCCCGTACCACTTCACACCCCGTACCACTTCACACCCCGTACCACTTCACACCCCGTACCACTTCACACCCCGTACCACTTCACACTCACCCCGTACCACTTCACACCCCGTACCACTTCACACCCCGTACCACACTTCACACCACTTCACACCACTTCACACTCACCCCGTTCACACTCACACTCACCACTTCACACTCACCACTTCACACCAC	1196	CCTCGAACCCTCAAGACGAAACGA	TCGTTTCGTCTTGAGGGTTCGAGG
1199 CGGGGACCTCAATGGAGCGTCTTA 1200 CGCCTCTAGCGCTTGTTACGTCGA 1201 CTGCCAGACTCAAAACAGGGACGG 1202 CTCCTTACACCGTGTGAGGGACCC 1203 TTTCATGCCATTGCCCTCGCGCA 1205 GTCTGACTGTATGCCCTCGCGCA 1206 GGTTAATGGACGGTTAACGCG 1207 CTTCGCACTGTTACCCCTGTATGCG 1208 TGCCAGACTCACAGGCTTACCGC 1209 GACGGCGAATCTCACCGGTTAACGCG 1209 GACGGCGAATCTCAAGCT 1209 GACGGCGAGGCGATCCCACGCTCCCCGCA 1210 GACCTCCAAAGTCATCCCCTGGA 1210 GACCTCCAAAGTCAGCCC 1211 CGTTAGAGACCAGCCTTTACCCC 1212 GTGGCCTCAAAATTGCCCCCGCCC 1213 GGGGCAGACACCGCC 1214 TTCCCCCTACAGCTCCCCCCCCCCCCCCCCCCCCCCCCC	1197	CTTCATCACGTGACCTTTGTTGCC	GGCAACAAAGGTCACGTGATGAAG
1200 CGCCTCTAGCGCTTGTTACGTCGA 1201 CTGCCAGACTCAAAACAGGGACGG 1202 CTCCTTACACCGTGTGAGGGAACC GGTTCCCTCACACGGTGTAAGGAG 1203 TTTCATGCCATATCGCCTCGCGCA TGCGCGAGGCGATATGGCATGAAA 1205 GTCTGACTGTCTGCCCTGTATGCG CGCATACAGGGCAGACAGTCAGAC 1206 GGTTAATGGAACGGCGTTAACGCG CGCGTTAACGCCGTTCCATTAACC 1207 CTTCGCACTGCGGAATCTCAAGCT AGCTTGAGATTCCGCAGTGCGAAG 1208 TGCCAGAGGCGTAGAGATCCTGAA TCCAGGACTCCTACGCCTCTGGCA 1209 GACGGCGAGCCAGTATTAACTCA TGAGTTAATACTGGCTCGCCCGTC 1210 GACCTCCAAAGTCAGTCTTGGCGG CCGCCAAGACTGACTTTGAGGTC 1211 CGTTAGAGCATGACCGAACACGTC GACGTGTCAGACTCTAACGC 1212 GTGGCTCAAAAATTGGGTACGCC GGCGTACCCAATTTTTGAGCCCAC 1213 GGGCAGAGATCACGCGTTCCTCT AGAGGAACGCGTGATCTCTGCCCC 1214 TTTCGCCCTACGAAGCGAACTTCC GAAACTTCGCTTCG	1198	CCTTCATTCCCAGCAGGATGGCTT	AAGCCATCCTGCTGGGAATGAAGG
1201 CTGCCAGACTCAAAACAGGGACGG CCGTCCCTGTTTTGAGTCTGGCAG 1202 CTCCTTACACCGTGTGAGGGAACC GGTTCCCTCACACGGTGTAAGGAG 1203 TTTCATGCCATATCGCCTCGCGCA TGCGCGAGGCGATATGGCATGAAA 1205 GTCTGACTGTCTGCCCTGTATGCG CGCATACAGGGCAGACAGTCAGAC 1206 GGTTAATGGAACGGCGTTAACGCG CGCGTTAACGCCGTTCCATTAACC 1207 CTTCGCACTGCGGAATCTCAAGCT AGCTTGAGATTCCGCAGTGCGAAG 1208 TGCCAGAGGCGTAGGAGTCCTGGA TCCAGGACTCCTACGCCTCTGGCA 1209 GACGGGCGAGCCAGTATTAACTCA TGAGTTAATACTGGCTCGCCCGTC 1210 GACCTCCAAAGTCAGTCTTGGCGG CCGCCAAGACTGACTTTGGAGGTC 1211 CGTTAGAGCATGACCGAACACGTC GACGTGTCCGTCATACG 1212 GTGGGCTCAAAAATTGGGTACGCC GGCGTACCCAATTTTTGAGCCCAC 1213 GGGGCAGAGATCACGCGTTCCTCT AGAGGAACGCGTGATCTCTGCCCC 1214 TTTCGCCCTACGAAGCGAACTTC GAAACTTCGCTTCGTAGGGCGAAA 1215 TACGGGGTGATGTTAAGCTACGCG CGCGTAGCTTAACATCACCCCGTA 1216 CCTGTGAGTCTGAGATCGCCGTGT ACACGGCGATCTCAGAGTTCAGGT 1217 ACTGAAGCTGGAACAGGCCATTCG CGAATGGCCTTCAGCTTCAGT 1218 AGCACTGGTTCACATGGGAGCCATTCG TGGACTTCCAGCTTCAGT	1199	CGGGGACCTCAATGGAGCGTCTTA	TAAGACGCTCCATTGAGGTCCCCG
1202 CTCCTTACACCGTGTGAGGGAACC GGTTCCCTCACACGGTGTAAGGAG 1203 TTTCATGCCATATCGCCTCGCGCA TGCGCGAGGCGATATGGCATGAAA 1205 GTCTGACTGTCTGCCCTGTATGCG CGCATACAGGGCAGACAGTCAGAC 1206 GGTTAATGGAACGGCGTTAACGCG CGCGTTAACGCCGTTCCATTAACC 1207 CTTCGCACTGCGGAATCTCAAGCT AGCTTGAGATTCCGCAGTGCGAAG 1208 TGCCAGAGGCGTAGGAGTCCTGGA TCCAGGACTCCTACGCCTCTGGCA 1209 GACGGCGAGCCAGTATTAACTCA TGAGTTAATACTGGCTCGCCCGTC 1210 GACCTCCAAAGTCAGTCTTGGCGG CCGCCAAGACTGACTTTGGAGGTC 1211 CGTTAGAGCATGACCGAACACGTC GACGTGTTCGGTCATCACG 1212 GTGGGCTCAAAAATTGGGTACGCC GGCGTACCCAATTTTTGAGCCCAC 1213 GGGGCAGAGATCACGCGTTCCTCT AGAGGAACGCGTGATCTCTGCCCC 1214 TTTCGCCCTACGAAGCGAAGTTTC GAAACTTCGCTTCG	1200	CGCCTCTAGCGCTTGTTACGTCGA	TCGACGTAACAAGCGCTAGAGGCG
TTTCATGCCATATCGCCTCGCGCA TGCGCGAGGCGATATGGCATGAAA T205 GTCTGACTGTCTGCCCTGTATGCG CGCATACAGGGCAGACAGTCAGAC T206 GGTTAATGGAACGGCGTTAACGCG CGCGTTAACGCCGTTCCATTAACC T207 CTTCGCACTGCGGAATCTCAAGCT AGCTTGAGATTCCGCAGTGCGAAG T208 TGCCAGAGGCGTAGGAGTCCTGGA TCCAGGACTCCTACGCCTCTGGCA T209 GACGGCGAGCCAGTATTAACTCA TGAGTTAATACTGGCTCGCCCGTC T210 GACCTCCAAAGTCAGTCTTGGCGG CCGCCAAGACTGACTTTGGAGGTC T211 CGTTAGAGCATGACCGAACACGTC GACGTGTCGGTCATCTTAACG T212 GTGGGCTCAAAAATTGGGTACGCC GGCGTACCCAATTTTTGAGCCCAC T213 GGGGCAGAGATCACGCGTTCCTCT AGAGGAACGCGTGATCTCTGCCCC T214 TTTCGCCCTACGAAGCGAAGTTTC GAAACTTCGCTTCG	1201	CTGCCAGACTCAAAACAGGGACGG	CCGTCCCTGTTTTGAGTCTGGCAG
1205 GTCTGACTGTCTGCCCTGTATGCG CGCATACAGGGCAGACAGTCAGAC 1206 GGTTAATGGAACGGCGTTAACGCG CGCGTTAACGCCGTTCCATTAACC 1207 CTTCGCACTGCGGAATCTCAAGCT AGCTTGAGATTCCGCAGTGCGAAG 1208 TGCCAGAGGCGTAGGAGTCCTGGA TCCAGGACTCCTACGCCTCTGGCA 1209 GACGGGCGAGCCAGTATTAACTCA TGAGTTAATACTGGCTCGCCCGTC 1210 GACCTCCAAAGTCAGTCTTGGCGG CCGCCAAGACTGACTTTGGAGGTC 1211 CGTTAGAGCATGACCGAACACGTC GACGTGTTCGGTCATGCTCTAACG 1212 GTGGGCTCAAAAATTGGGTACGCC GGCGTACCCAATTTTTGAGCCCAC 1213 GGGGCAGAGATCACGCGTTCCTCT AGAGGAACGCGTGATCTCTGCCCC 1214 TTTCGCCCTACGAAGCGAAGTTTC GAAACTTCGCTTCG	1202	CTCCTTACACCGTGTGAGGGAACC	GGTTCCCTCACACGGTGTAAGGAG
1206 GGTTAATGGAACGGCGTTAACGCG CGCGTTAACGCCGTTCCATTAACC 1207 CTTCGCACTGCGGAATCTCAAGCT AGCTTGAGATTCCGCAGTGCGAAG 1208 TGCCAGAGGCGTAGGAGTCCTGGA TCCAGGACTCCTACGCCTCTGGCA 1209 GACGGGCGAGCCAGTATTAACTCA TGAGTTAATACTGGCTCGCCCGTC 1210 GACCTCCAAAGTCAGTCTTGGCGG CCGCCAAGACTGACTTTGGAGGTC 1211 CGTTAGAGCATGACCGAACACGTC GACGTGTTCGGTCATGCTCTAACG 1212 GTGGGCTCAAAAATTGGGTACGCC GGCGTACCCAATTTTTGAGCCCAC 1213 GGGGCAGAGATCACGCGTTCCTCT AGAGGAACGCGTGATCTCTGCCCC 1214 TTTCGCCCTACGAAGCGAAGTTTC GAAACTTCGCTTCG	1203	TTTCATGCCATATCGCCTCGCGCA	TGCGCGAGGCGATATGGCATGAAA
1207 CTTCGCACTGCGGAATCTCAAGCT AGCTTGAGATTCCGCAGTGCGAAG 1208 TGCCAGAGGCGTAGGAGTCCTGGA TCCAGGACTCCTACGCCTCTGGCA 1209 GACGGGCGAGCCAGTATTAACTCA TGAGTTAATACTGGCTCGCCCGTC 1210 GACCTCCAAAGTCAGTCTTGGCGG CCGCCAAGACTGACTTTGGAGGTC 1211 CGTTAGAGCATGACCGAACACGTC GACGTGTTCGGTCATGCTCTAACG 1212 GTGGGCTCAAAAATTGGGTACGCC GGCGTACCCAATTTTTGAGCCCAC 1213 GGGGCAGAGATCACGCGTTCCTCT AGAGGAACGCGTGATCTCTGCCCC 1214 TTTCGCCCTACGAAGCGAAGTTTC GAAACTTCGCTTCG	1205	GTCTGACTGTCTGCCCTGTATGCG	CGCATACAGGGCAGACAGTCAGAC
TGCCAGAGGCGTAGGAGTCCTGGA TGCAGGACTCCTACGCCTCTGGCA TGCAGGGCGAGCCAGTATTAACTCA TGAGTTAATACTGGCTCGCCCGTC TGCCCAAAGTCAGTCTTGGCGG CCGCCAAGACTGACTTTGGAGGTC CGTTAGAGCATGACCGAACACGTC GACGTGTTCGGTCATGCTCTAACG GTGGGCTCAAAAATTGGGTACGCC GGCGTACCCAATTTTTGAGCCCAC GGGGCAGAGATCACGCGTTCCTCT AGAGGAACGCGTGATCTCTGCCCC TTTCGCCCTACGAAGCGAAG	1206	GGTTAATGGAACGGCGTTAACGCG	CGCGTTAACGCCGTTCCATTAACC
1209 GACGGGCGAGCCAGTATTAACTCA TGAGTTAATACTGGCTCGCCCGTC 1210 GACCTCCAAAGTCAGTCTTGGCGG CCGCCAAGACTGACTTTGGAGGTC 1211 CGTTAGAGCATGACCGAACACGTC GACGTGTTCGGTCATGCTCTAACG 1212 GTGGGCTCAAAAATTGGGTACGCC GGCGTACCCAATTTTTGAGCCCAC 1213 GGGGCAGAGATCACGCGTTCCTCT AGAGGAACGCGTGATCTCTGCCCC 1214 TTTCGCCCTACGAAGCGAAGTTTC GAAACTTCGCTTCG	1207	CTTCGCACTGCGGAATCTCAAGCT	AGCTTGAGATTCCGCAGTGCGAAG
1210 GACCTCCAAAGTCAGTCTTGGCGG CCGCCAAGACTGACTTTGGAGGTC 1211 CGTTAGAGCATGACCGAACACGTC GACGTGTTCGGTCATGCTCTAACG 1212 GTGGGCTCAAAAATTGGGTACGCC GGCGTACCCAATTTTTGAGCCCAC 1213 GGGGCAGAGATCACGCGTTCCTCT AGAGGAACGCGTGATCTCTGCCCC 1214 TTTCGCCCTACGAAGCGAAGTTTC GAAACTTCGCTTCG	1208	TGCCAGAGGCGTAGGAGTCCTGGA	TCCAGGACTCCTACGCCTCTGGCA
1211 CGTTAGAGCATGACCGAACACGTC GACGTGTTCGGTCATGCTCTAACG 1212 GTGGGCTCAAAAATTGGGTACGCC GGCGTACCCAATTTTTGAGCCCAC 1213 GGGGCAGAGATCACGCGTTCCTCT AGAGGAACGCGTGATCTCTGCCCC 1214 TTTCGCCCTACGAAGCGAAGTTTC GAAACTTCGCTTCG	1209	GACGGCCAGCCAGTATTAACTCA	TGAGTTAATACTGGCTCGCCCGTC
1212 GTGGGCTCAAAAATTGGGTACGCC GGCGTACCCAATTTTTGAGCCCAC 1213 GGGGCAGAGATCACGCGTTCCTCT AGAGGAACGCGTGATCTCTGCCCC 1214 TTTCGCCCTACGAAGCGAAGTTTC GAAACTTCGCTTCG	1210	GACCTCCAAAGTCAGTCTTGGCGG	CCGCCAAGACTGACTTTGGAGGTC
1213 GGGCAGAGATCACGCGTTCCTCT AGAGGAACGCGTGATCTCTGCCCC 1214 TTTCGCCCTACGAAGCGAAGTTTC GAAACTTCGCTTCG	1211	CGTTAGAGCATGACCGAACACGTC	GACGTGTTCGGTCATGCTCTAACG
1214 TTTCGCCCTACGAAGCGAAGTTTC GAAACTTCGCTTCG	1212	GTGGGCTCAAAAATTGGGTACGCC	GGCGTACCCAATTTTTGAGCCCAC
1215 TACGGGTGATGTTAAGCTACGCG CGCGTAGCTTAACATCACCCCGTA 1216 CCTGTGAGTCTGAGATCGCCGTGT ACACGGCGATCTCAGACTCACAGG 1217 ACTGAAGCTGGAACAGGCCATTCG CGAATGGCCTGTTCCAGCTTCAGT 1218 AGCACTGGTTCACATGGGAGTCCA TGGACTCCCATGTGAACCAGTGCT	1213	GGGCAGAGATCACGCGTTCCTCT	AGAGGAACGCGTGATCTCTGCCCC
1216 CCTGTGAGTCTGAGATCGCCGTGT ACACGGCGATCTCAGACTCACAGG 1217 ACTGAAGCTGGAACAGGCCATTCG CGAATGGCCTGTTCCAGCTTCAGT 1218 AGCACTGGTTCACATGGGAGTCCA TGGACTCCCATGTGAACCAGTGCT	1214	TTTCGCCCTACGAAGCGAAGTTTC	GAAACTTCGCTTCGTAGGGCGAAA
1217 ACTGAAGCTGGAACAGGCCATTCG CGAATGGCCTGTTCCAGCTTCAGT 1218 AGCACTGGTTCACATGGGAGTCCA TGGACTCCCATGTGAACCAGTGCT	1215	TACGGGGTGATGTTAAGCTACGCG	CGCGTAGCTTAACATCACCCCGTA
1218 AGCACTGGTTCACATGGGAGTCCA TGGACTCCCATGTGAACCAGTGCT	1216	CCTGTGAGTCTGAGATCGCCGTGT	ACACGGCGATCTCAGACTCACAGG
	1217	ACTGAAGCTGGAACAGGCCATTCG	CGAATGGCCTGTTCCAGCTTCAGT
1219 TAAGGAAGATCACACTCCCTGCGC GCGCAGGGAGTGTGATCTTCCTTA	1218	AGCACTGGTTCACATGGGAGTCCA	TGGACTCCCATGTGAACCAGTGCT
	1219	TAAGGAAGATCACACTCCCTGCGC	GCGCAGGGAGTGTGATCTTCCTTA

	Ta. aa. aa	00007704477774000777
1220	CACCACACGCTAAAATTGAAGCCG	CGGCTTCAATTTTAGCGTGTGGTG
1221	GCTGTCGCCAGGATCATGTATCGT	ACGATACATGATCCTGGCGACAGC
1222	TTCGTTCGTGCACTGGATTCTTGA	TCAAGAATCCAGTGCACGAACGAA
1223	TCAGCTCTCCTTGTGCTTGCAGTG	CACTGCAAGCACAAGGAGAGCTGA
1224	ACGACGAGGTGAACTTCGTGGGAA	TTCCCACGAAGTTCACCTCGTCGT
1225	AGCATTGCCGCGGGCCTTGGTTTA	TAAACCAAGGCCCGCGGCAATGCT
1226	CAGAGGCAGATGTGACTCCTCAA	TTGAGGAGTCACATCTGCCCTCTG
1227	CGATATTTCAGCCTCTCAAACGCG	CGCGTTTGAGAGGCTGAAATATCG
1228	TGCCAGAAATGTTGCCGATTCGAA	TTCGAATCGGCAACATTTCTGGCA
1229	TAGGCCACCCGGTGTTCACAATTC	GAATTGTGAACACCGGGTGGCCTA
1230	GAGAGTCAGACCGAGGGACACGAG	CTCGTGTCCCTCGGTCTGACTCTC
1231	GAGGCGATCCTGGAACCACGCAAC	GTTGCGTGGTTCCAGGATCGCCTC
1232	CCAGAGAGGCGGGCTACTGACTCA	TGAGTCAGTAGCCCGCCTCTCTGG
1233	CACACAGTCCCATCGTACGGCAGT	ACTGCCGTACGATGGGACTGTGTG
1234	TTACGTTGCGGAAGCGTGCCTCTA	TAGAGGCACGCTTCCGCAACGTAA
1235	ATGTACACGCTGCAATCGTGTCCC	GGGACACGATTGCAGCGTGTACAT
1236	ACTCGTCGTCGGAAGCGCCCAGGT	ACCTGGGCGCTTCCGACGACGAGT
1237	ATGCGAGAGCAGAATTGAGCCGGT	ACCGGCTCAATTCTGCTCTCGCAT
1238	AAGTTGGTTCGTATTCACGCGTGC	GCACGCGTGAATACGAACCAACTT
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1244	TCTTGACGGCTGGGCATGATTGGA	TCCAATCATGCCCAGCCGTCAAGA
1245	TTAACATTCGGACCCAGGACCTGG	CCAGGTCCTGGGTCCGAATGTTAA
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1249	AGTCCGCGCGAAATACGAACAGTA	TACTGTTCGTATTTCGCGCGGACT
1250	ATGTTGCACGCGCACTGTATCACA	TGTGATACAGTGCGCGTGCAACAT
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1253	TGGCCAGGGAACACAAGCTCGGTA	TACCGAGCTTGTGTTCCCTGGCCA
1254	AAACATGGGTCGCGTCTGAGATCA	TGATCTCAGACGCGACCCATGTTT
1255	GCGAGAGCTGCGATTCCCTTTTAG	CTAAAAGGGAATCGCAGCTCTCGC
1256	CCGGCCAAACAAGAGACGAGCGGA	TCCGCTCGTCTTTGTTTGGCCGG
1257	AATGGGGCACAGTCTCGCTTGACA	TGTCAAGCGAGACTGTGCCCCATT
1258	TGTCTCGGGCCTTCAGGACACACT	AGTGTGTCCTGAAGGCCCGAGACA

1259	TCCACCTTCATTAAGTGGTTCGGC	GCCGAACCACTTAATGAAGGTGGA
1260	GCTTCGGAATCATCCACCTGTCAT	ATGACAGGTGGATGCCGAAGC
1261	GAGCCGATGGGCTATCGTCGTCGG	CCGACGACGATAGCCCATCGGCTC
1262	CACGAATTACGCACGCACAGAGGA	TCCTCTGTGCGTGCGTAATTCGTG
1263	GCTGTGACGCTCCCCTCAACTAGG	CCTAGTTGAGGGGAGCGTCACAGC
1264	CGCTCTGAAAACGCGGGCTACGTT	AACGTAGCCCGCGTTTTCAGAGCG
1265	GAGTGCTGGACACCGTAGCCAGGA	TCCTGGCTACGGTGTCCAGCACTC
1266	CCAACCCCAGTGTAGGCGCAAATG	CATTTGCGCCTACACTGGGGTTGG
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1268	CAACGTGGGCACCTGTTTTAGCAG	CTGCTAAAACAGGTGCCCACGTTG
1269	CTAGCTGCGATCCGAACCTCTACG	CGTAGAGGTTCGGATCGCAGCTAG
1270	CATTGAACCATCAGCCAAGCTGCG	CGCAGCTTGGCTGATGGTTCAATG
1271	AGACTGGCAATTTTTCGAGGCCAA	TTGGCCTCGAAAAATTGCCAGTCT
1272	CTGGCCGTCCATGAGTTGGTCCAG	CTGGACCAACTCATGGACGGCCAG
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1274	CGATATGTAAGACAGCCGTCGCAA	TTGCGACGGCTGTCTTACATATCG
1275	AGCGTAACCTACTGGGAAGGCACC	GGTGCCTTCCCAGTAGGTTACGCT
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1278	GTTGTTAGGAGGCTCGAGGCTGCT	AGCAGCCTCGAGCCTCCTAACAAC
1279	ACTGGTGCTACGCGGGATATTTGA	TCAAATATCCCGCGTAGCACCAGT
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1281	GAACTCGCCGCTGCCGAAGGGTAG	CTACCCTTCGGCAGCGGCGAGTTC
1282	TTCGATCGAGGAGCAAGGAGAGTC	GACTCTCCTTGCTCCTCGATCGAA
1283	GGGGAAAATTGAGGCCTTAGCCAT	ATGGCTAAGGCCTCAATTTTCCCC
1284	CTAAGGTCAAAGCGCTGTCGCCAG	CTGGCGACAGCGCTTTGACCTTAG
1286	CCGTAGCGGTGCTCGACCAGGTTC	GAACCTGGTCGAGCACCGCTACGG
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1288	GTCATGTAATTGCATCCCACGGGT	ACCCGTGGGATGCAATTACATGAC
1289	CTTTGCGCGGTGGTCAATAAAAAG	CTTTTTATTGACCACCGCGCAAAG
1291	CTCGGGGATGCCCTCTTGGCATTA	TAATGCCAAGAGGGCATCCCCGAG
1292	CGAAACGTGGTGCAGAAACCTGAA	TTCAGGTTTCTGCACCACGTTTCG
1293	GGAGTTCACGAGTCGAGCAGTCGC	GCGACTGCTCGACTCGTGAACTCC
1294	AGCCGTTTTCAAAGATCTCGACGA	TCGTCGAGATCTTTGAAAACGGCT
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1297	CCAGCATGGAGTTAAGTGAGCGCG	CGCGCTCACTTAACTCCATGCTGG
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1300	GGCAATTTCGGGACACTCGTTTCA	TGAAACGAGTGTCCCGAAATTGCC
	TTTGTGATTGGGGGTATAACCGA	TCGGGTTATACCCCCAATCACAAA
1301		
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1312	GATATTGGGTCCGGCGCATTAC	GTAATGCGCGCCGGACCCAATATC
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1314	AACCTTAGTGCGGCTAGGTGGGGT	ACCCCACCTAGCCGCACTAAGGTT
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1316	GGTTCCCTTGACCCACCGAATTGA	TCAATTCGGTGGGTCAAGGGAACC
1317	TTCTGACAACATCGACCCTGGCTC	GAGCCAGGGTCGATGTTGTCAGAA
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1319	GTACTCTGTGCAACGGTCCCGAGT	ACTCGGGACCGTTGCACAGAGTAC
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1325	TCAATCCCAACATCCAAAGCCTCA	TGAGGCTTTGGATGTTGGGATTGA
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· 1332	CTCACTCATTCTGATTGCCCGCGG	CCGCGGCAATCAGAATGAGTGAG
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1376 CTGTTTCCAGGCGTAACCAGGGGC GCCCGCTGGTTACGCCTGGAACAG 1377 TATGTTGGCTCGCATCAGAAGA TCTTCTGATGGCGAGCCAGACATA 1378 GGAGTGACCAGCACAAGCATCAGAG 1379 TCGGACTGGAAGTAACTCGAG 1380 CTAGGGTCAAGCACGATTGAAGCC GCCTTCAATCGTGCTTGACCCTAC 1381 CACCGGCGGTTCACACACCGATTGAAGCC GCCTTCAATCGTGCTTGACCCTAC 1382 GAATGACGCGCAGTCGATTTGAAC GTCAGCGTTAGTCGAACCGCGGGTG 1382 GAATGACGCGCAGTGCATTTGAAC GTCAATCGTGCTTAGACCGCGGTG 1383 GTGCTCGTCTAACCGCGGATAGAG 1384 GCGGACCTGGGTTAATTGACGCG GTCAATCGACCGCGGTTAGACGAGCAC 1385 TTTTTGATGTTGCGCACCGGGCTA TAGCCCGGGTCAGCCGCGTG 1386 TGCGTCAGCCGCGGCTA TAGCCCGGGTCAACATCAAAAA 1386 TTGCGTCAGCGCACTCTGCTCGATT AATCCAGCGGCAACATCAAAAA 1387 ATGAGCACGCCAGTTCCTTT 1388 TCAACGGTAAAGAATCGCCCCGGCA 1389 CGCGATTGACTGAACCACCCTCT AGAGGACAGCGGCTGCTTT 1390 GCGTGAAAGAATCGCCCCGGCA 1391 CATGATTCCACCTCGATCGCTAAC 1391 CATGATTCCACCTCGATCGCTAAC 1392 CTACGACAAAGCAACCACCTCT AGAGGTGGTTCATTTCACGC 1393 ATGCCGTTCATCTGATCGATCA 1394 TTCGTGGAGGGAAAA TTTTCACGGCGTACCTTTTCACGC 1395 GAAGCGCCTTCATCTGATCGATCAAAA 1396 GAGCACATCAAAGCACCACCTCT AGAGGTTGATCAATCACGC 1397 ACGCCAATGACTGACCGCAAAA 1397 ATGCCGTTCATCTTGATGGTCC 1398 AGCGTGCTTCATCTTGATGGTCC 1399 ACGCGATTCATCTTGATGGTCC 1399 ACGCGATTCATCTTGATGGTCC 1399 ACGCGATTCATCTTGATGGTCC 1399 ACGCGATTCACCGTCGAAA 1391 TTCGTGGAGGGACTTTGGAGATCC 1391 TTCGTGGAGGGACTTTGGAGATCC 1392 CTACGACAAAGCACCGCCCAAA 1393 ATGCCGTTCATCTTGATGGTCC 1394 TTCGTGGAGGGACTTTGGAGATCC 1395 GAACCGCCGTAACGTCACCGTCG 1396 AGCGTGCGCAACACCGCCCAAA 1397 ACAGTCAGGAGTAACGCCGCCCAA 1399 ACGCTGCACCTTTGGCTATAAGCCAA 1399 ACGCTGCACCTTAGAGCAAC 1399 ACGCTGCACCTTAGAGCCACCGCTCAA 1399 ACGCGCCGTCACCTTAGCGAAAA 1399 ACTGTGCCCAACCCGCCAAA 1399 ACTGTGCCAACCCGCCAAA 1110 TGACGCCAATGCGCACCACCTCAA 1399 ACTGTGCCAACCCGCCCAAA 1399 ACTGTGCCAACCCGCCCAAA 1399 ACTGTGCCAACCACCGCCAAA 1399 ACTGTGCCAACCCGCCCAAA 1390 ACGCCAACCACGCCACCAACCCGCCAAAACCCGCACCACACCCCCAAA 1400 TGCAGCCAACCACGCGCCCCCAAA 1401 CCCCGCTACCCGCCCACAA 1401 CCCCGCTACCCGCCCCCCCCACAACCCCCCCCAAA 1401 TGATGCCGACCCGCCCCCCCAAACCCCCCCCCCCCCCCC			
1378 GGAGTGACCAGCACAAGCATCGAG 1379 TCGGACTGGAAGTAACTCGCATGA 1380 GTAGGGTCAAGCACGATTGAAGCC 1381 CACCGCGGTTCAACCACGACC 1381 CACCGCGGTTCAACCACTGAC 1382 GAATGACGCCGAGTTCAACCTGAC 1383 GTGCTCGATCAACCGCAGTGAC 1384 GCGGACCTGAACCACGGATTGAAC 1385 GTGCTCGTCTAACCCGGGATTAGAG 1386 GTGCTCGTCTAACCGCGGATTAGAG 1387 GTGCTCGTCTAACCGCGGATTAGAG 1388 GTGCTCGTCTAACCGCGGGTTAGAC 1388 GTGCTCGTCTAACCGCGGGTTAGAC 1388 TTTTTGATGTTGCGCACCGGGCTA 1388 TTTTTGATGTTGCGCACCGGGCTA 1387 ATGAGCACCACAGTTCCTTT 1388 TCAACGGCAAGTCGTCCTCGATT 1388 TCAACGCAAGTCGTCCTCGATT 1388 TCAACGGCAAGTCGTCCTCGTT 1388 TCAACGGTAAAGAACAACCGCGCA 1389 CCGGATTGACTCAACCACACCCTC 1390 GCGTGAAAGAATCACCCCGCA 1390 GCGTGAAAGAATCACCCCGCACACTCCTCAT 1391 CATGATTCCACCTCGATCGGCCACACACCCTC 1392 CTACGACAAAGACACCCTC 1393 ATGCCGTTTCAACCACACCCTC 1394 TTCGTGGAGGGACAACTCAACCACCCTC 1395 GAAGCACCACACCTCT 1396 AGCGTGCACAACACCCTC 1397 ACAGCAAAAGCAACCGTGCCAAA 1397 ACACGACAACCACCCTC 1398 TTCGTGGAGGGGACAACACCGTGCCAAACCGCAACCGCAACACCACCCTC 1399 CTACGACAAAGCAACCGTGCAAA 177 TTTGCACCCCCACACCCTC 1399 TTCGTGGAGGGGACATCAACCACCCTC 1399 TTCGTGGAGGGGACATCAACCACCCTC 1390 ATGCCGTTCATCTTGATGGTCC 1391 ATGCCGCTTCACTTTGATGGTCC 1392 GAACCACCAACCGTCCAACCTCCAACATCACACGCCAT 1393 ATGCCGTTTCATCTTGATGGTCC 1394 TTCGTGGAGGGGACTTTTGAAGGCTC 1395 GAACCGCCGTAACGTACCACCCGCAACTCACAACTCCCTCC	1376	CTGTTCCAGGCGTAACCAGCGGGC	GCCCGCTGGTTACGCCTGGAACAG
1379 TCGGACTGGAAGTAACTCGCATGA 1380 GTAGGGTCAAGCACGATTGAAGCC GGCTTCAATCGTGCTTGACCCTAC 1381 CACCGGCGGTTCGACTAACGTGAC GTCACGTTAGTCGAACCGCCGGTG 1382 GAATGACGCCCAGTGCATTTGAAC GTCACGTTAGTCGAACCGCCGGTG 1383 GTGCTCGTCTAACCGCGGATAGAG CTCTAATCCCCGGGTTAGTCGAACCGCCGGTG 1384 GCGGACCTGGGTTAATTGACCGCG CTCAATTCACCCCGGTTAATTGACCACTGCCGGTTAATTGACCACGCGGTTAATTGACCGCG CTCAATTAACCCAGGTCCGC 1385 TTTTTGATGTTGCGCACCGGGCTA TAGCCCCGGTCCAATTAACCCAGGTCCGC 1386 TTGCGTCAGCGCACTCTGCTCGATT AATCGAGCAACGCCACACACAACAAAA 1386 TTGCGTCAGCGCAGTTCGTTCCTTT AAAGGAACGAACTGACACAA 1387 ATGAGCACGCCAGTTCGTTCCTTT AAAGGAACGAACTGGCGTGCTCAT 1388 TCAACGGTAAAGAATCGCCCCGCA TGCGGGGGCGATTCTTTACCGTTGA 1389 CGCGATTGACTGAACCACACCTCT AGAGGTTGTGTCATTCACGC 1390 GCGTGAAAGATGACGGCCGGTATA TATACCCGGCGTCATCTTCACGC 1391 CATGATTCCACCTCGATCGGCTAC CTAGCCGATCGATCATCACGC 1392 CTACGACAAAGCAACCATCTC AGAGGTTGGTTCATTTCACGC 1393 ATGCCGTGTTCATCTTGATGGTCC GGACCATCAAGATGAACACGGCAT 1394 TTCGTGGAGGGACTTTGGAGATCC GGACCATCAAGATGACACCGCAT 1395 GAAGCGCCGTAACGTACCAACCCTCC GGACCATCAAGATGAACACGGCAT 1396 AGCGTGCATACGTAACGACCCTCC CAACGATTAACGACCACCCTT 1397 ACAGTCAAGGAACAACCCTCCAACTAACGATCACCCTCCACGAA 1398 TTTAGCCGCTGCAACGTAACGAACCCTCAACTTACGACCGCTTAACTTACGCCCGCTTAA 1399 ACTGTGTCGCAATCAACCCCCCAAA TTTGCGCGCGTTAACTTACGCCCGCTTAA 1399 ACCGTCAGGAGTAACGACCCGCCTCAA TTGAGCGGCGTTACTCCCTCACCGAA 1399 ACTGTGTCGCAATCAACCCCCCAAA TTTGCGGGGTTACTCCCTCACCGAC 1400 TGCAGCCAATCAACCCGCAAA TTTGCGGGTTAACTTCCGCACCGCT 1401 TGCAGCCAATCAACCCGCAAA TTTGCGGGTTAATTGCGACCACGCT 1402 GAGGGCCAACCAATATGCAGGCAAC CCTTCAAGTTCCGCATTGCGCCACCGCT 1403 CGTACGGACAATCAACCCGCAAA TTTGCGGCGTTACTCCTGACTGACGACCAGCACCCTCAAAACTCCCCCAAAA TTTGCGGCGTTACTCCCGGACCACCGCT 1401 CCCGCTATCCCGGACAACGCGCGCTCAAA TTTGCGACTCCGACACGCGCTTAAAACGACCAGAACCAGTCCCCCCCGAAAACGCAACCAGCCGCCCCCCCC	1377	TATGTCTGGCTCGCCATCAGAAGA	<u> </u>
1380 GTAGGGTCAAGCACGATTGAAGCC 1381 CACCGGCGGTTCGACTAACGTGAC 1382 GAATGACGCCGAGTGCATTTGAAC 1383 GTGCTCGTCTAACCGCGGATAGAG 1384 GCGGACCTGGGTTAACCGCGGGATAGAG 1385 TTTTTGATGTTGCGCACCAGGGGTT 1386 TTGCGTCAGCACCAGGGGTTAATTGAAC 1387 ATGAGCACGCGCATTCGATT 1388 TTGCGTCAGCACCAGGGCTA 1388 TTGCGTCAGCACCAGGGCTA 1388 TTGCGTCAGCCCAGGCTA 1388 TAGACCACCAGGTCATTC 1388 TTGCGTCAGCCCAGTTCGTTCCTTT 1388 TCAACGGTAAAGAATCGCCCCCGA 1389 CCGGATTGATTGACCCCCCAC 1389 CCGGATTGATCAACACCTCT 1380 CCGGATTGACTGAACCACCTCT 1390 CCGTGAAAGAATCGCCCCGCA 1391 CATGATTCCACCTCGATTA 1392 CTACGACAAAGCACCCTCT 1393 ATGCCGTGTACATCAGCCAAA 1393 ATGCCGTGTTCATTTTACCGCGCAACCATCATCAGCACAACCACTCT 1394 TTCGTGGAGGGAACTTGAGCCAAA 1395 GAAGGCCGTAACGTACCACCACCT 1396 AGCCGTGACAAAGCACACCCTC 1397 ACAGTCAGCGAACCACCCTC 1398 AGCCGCGTTAACGTACCCCAAAA 1399 ACTGTGCGACAAAGCAACCCTCC 1390 AGCCGTGCAACAACCACCCTC 1391 TTCGTGGAGGGACCTTTGATCGTCC 1392 CTACGACAAAGCAACCCTTCGCCAAAA 1393 ATGCCCGTTTCATCTTGATGGTCC 1394 TTCGTGGAGGGACTTTGGAGATCC 1395 GAAGCGCCGTAACGTACCACCCTCG 1396 AGCCGTCACCTAACGTACCCCCCAAA 1397 ACAGTCAGGAGTAACGCCCCCCAAA 1398 TTTAGCCGCCTTCGCTATAAGGCTA 1399 ACTGTGTCGCAATCAACCCCCCCAAA 1399 ACTGTGTCGCAATCAACCCCCCCAAA 1399 ACTGTGTCGCAATCAACCCCCCAAA 1399 ACTGTGTCGCAATCAACCCCCCAAA 1300 TTCCACCCAATCACCCCCCAAA 1300 TTCCACCCAATCACCCCCCAAA 1300 TTCCACCCAATCACCCCCCAAA 1300 TTCCACCCAATCACCCCCCAAA 1300 TTCCACCCAATCCCCGCAAACCCTTCCCACCAACCCCTCCACCACCCTCCACCACC	1378	GGAGTGACCAGCACAAGCATCGAG	CTCGATGCTTGTGCTGGTCACTCC
1381 CACCGGCGGTTCGACTAACGTGAC 1382 GAATGACGCCAGTGCATTTGAAC 1383 GTGCTCGTCTAACCGCGGATAGAG 1384 GCGGACCTGGGTTAATTGACGCGC 1385 TITTTGATGTTGCGCACCGGGCTA 1386 TTGCGTCAGCGCATCGATT 1387 ATGAGCACCCAGTTCCTT 1388 TCAACGGCGATCGATT 1388 TCACCGCGGATCAGTTCCTT 1388 TTGCGTCAGCCACCGGCTA 1387 ATGAGCACCCCAGTTCCTT 1388 TCAACGGCACCGCCTCCATT 1388 TCAACGGTAAAGAATCGCCCCCGA 1389 CGCGATTGACTGGTTCCTTT 1389 CGCGATTGACTGACCACCCCCAA 1389 CGCGATTGACTGACCACCCCCCA 1390 GCGTGAAAGAATCGCCCCCGA 1391 CATGATTCCACCTGATCGGCTAA 1392 CTACGACAAAAA 1393 ATGCCGTGTTCATTTTACCGCCGCAACATCAACAA 1394 TTCGTGAACAACACCACCCTCT 1394 ATGCCGCGGAAAAACCACACCTCT 1395 GAACGACAAAACCACACCTCT 1396 AGCGTGCAAAAA 1397 ACAGTCAGACCACACCCTC 1398 ATGCCGTGTTCATCTTGATGCC 1399 ACAGTCAGACAACCGTCCAAAA 1391 ATGCCGGTTCATCTTGATGGTCC 1390 ACAGTCAGACACACCCTCC 1391 ATGCCGCTGTAATGATCC 1392 CTACGACAAAAGCAACCGTGCAAAA 1TTTGCACGGTTGCTTTTGTCCTTAC 1393 ATGCCGTGTTCATCTTGATGGTCC 1394 ATGCCGTGTCAACTACACCCTCG 1395 GAACGGCCGTAACGTACACCCTCG 1396 AGCGTGCGCTTGACGAACCCTCG 1397 ACAGTCAGGAGTACACCCTCG 1398 ATGCCGCTGCAACGTACACCCTCG 1399 ACCGTGCGCTTGCAACTA 1399 ACTGTTCCGCAACGCCCCCCAA 1399 ACTGTGCGCAACCACCCTCAA 1399 ACTGTGCGCAACCACCCGCCCAA 1399 ACTGTGCGCAACCACCCGCCCAA 1400 TGCACCAATGCGAACCTTAGAGAC 1400 TGCACCAATGCGAACCTTAGAGG 1401 CCCGCTATCCCGGTCTTGCAGTTC 1402 GAGGGCCCAACATATGCAGTCC 1403 CGTACGGAACTTAGAGGC 1404 AGTCTCCCGAGAACTTAGAGG 1406 GGGTTGCTCACCCTCGACTTCCCACCCTC 1407 TAGAAACGCAACCGCAAC 1408 AGCACTGCAAAACGCACCCCCCAA 1406 AGGAAGTGGAACTAACGCCGCTCA 1406 GGGTTCCCCAACCCCCCCCCCCCCC 1407 TAGAAACGCAACCCCCCCAA 1408 AGCACTGCAACACCCCCCCCCCCCCCCCCCCCCCCCCCC	1379	TCGGACTGGAAGTAACTCGCATGA	TCATGCGAGTTACTTCCAGTCCGA
1382 GAATGACGCACATTCAACCGCGATAGAG 1384 GCGGACCTGGGTTAATTGACGCGC 1385 TTTTTGATGTTGCGCACCGGGCTA 1386 TTGCGTCAGCGCATTGCTCGATT 1387 ATCGAGCACCCGGGCTA 1387 ATCGAGCACCCGGGCTA 1388 TCAACGGTAACCACCACTTCCTTT 1388 TCAACGGTAACAACACCCCGCA 1389 CGCGTTAAATGACGACCACACTCATT 1389 CGCGTTAAACAACACCCCCGCA 1390 GCGTGAAAGAATCACCACCCTCT 1390 GCGTGAAAGAATGACCACCACCTCT 1391 CATGATTCCACCTCGATT 1392 CTACGACAAACAATCACCCTCA 1393 ATGCCGTGTCATTGATTACCGTGATT 1394 TTCGTGGAGCACCCGGCAACACCTCT 1395 GAAGGCCGTTAATCACCACCCTCT 1396 AGCCGTGTTCATTTGATGGTCC 1397 ACACTCACACCCTCGACCGCAACCCTCT 1398 TTCGTGGAGGACACCCTCGACCGCAACCCTCT 1399 CTACGACAAAGCACCCTCGACCGCAACCCTCT 1391 CATGATTCCACCTCGATCGGCTAG 1392 CTACGACAAAGCAACCGTGCAAAA 1777GCAGCCGTTGATCTTGATGGTCC 1394 TTCGTGGAGGACACCGTGCAAAA 1777GCAGCGTTGCTTTGATGGTCC 1395 GAAGCGCCGTAACCACCCTCG 1396 AGCGTGCGTTGGCTATAAGGCTA 1397 ACACTCAGGAGAACACCCGTCG 1398 TTTAGCCGCTGCACCCGCTCAA 1399 ACACTCAGGAGTACACCCCGTCA 1399 ACACTCAGGAGTACACCCCGTCA 1390 TTTAGCCGCTGCAACCCCGCTCAA 1391 TTTAGCCGCTGCACCTGACCCGCAACCCCTCACCCTCACCAACCCCGCTCACCCCCCCC	1380	GTAGGGTCAAGCACGATTGAAGCC	GGCTTCAATCGTGCTTGACCCTAC
1383 GTGCTCGTCTAACCGCGGATAGAG CTCTATCCGCGGTTAGACGAGCAC 1384 GCGGACCTGGGTTAATTGACGCGC GCGCGCAACATTAACCCAGGTCCGC 1385 TTTTTGATGTTGCGCACCGGGCTA TAGCCCGGTGCGCAACATCAAAAA 1386 TTGCGTCAGCGCATCTGCTCGATT AATCCAGCAGTGCGCTGACGCAA 1387 ATGAGCACGCCAGTTCGTTCCTTT AAACGAACGAACTGGCGTGCTCAT 1388 TCAACGGTAAAGAATCGCCCCGCA TGCGGGGCGAATCTTTTACCGTTGA 1389 CGCGATTGACTGAACCACACCTCT AGAGGTGTGTCAGTCAGTGA 1390 GCGGATAGAACCACACCTCT AGAGGTGTGTCAGTCAATCGCG 1390 GCGTGAAAGATGACGGCCGGTATA TATACCGGCCGTCATCTTTCACGC 1391 CATGATTCCACCTCGATCGGCTAG CTAGCCGATCGAGGTGGAATCATG 1392 CTACGACAAAGCAACCGTGCAAAA TTTTGCACGGTTGCTTTTTCACGC 1393 ATGCCGTGTTCATCTTGATGGTCC GGACCATCAAGATGAACACGGCAT 1394 TTCGTGGAGGGACTTTGGAGATCC GGACCATCAAAGTCACCTCCACGAA 1395 GAAGCGCCGTAACGTACACCGTCG CGACCATCAAAGTCCCTCCACGAA 1396 AGCGTGCGCTTACAGCTCC CGACGGTGTACGTTACGGCGCTTC 1397 ACAGTCAGGAGAACGCCGCCCTCAA TTGACCCGCGATCACGCGCACCGT 1398 TTTAGCCGCTTGGCTATAAGGCTA TAGCCTTATAGCCAACCGCACCGT 1399 ACTGTGTCGCAATCAACCCGCAAA TTTCCTACAGTCGCACCGCTTAA 1399 ACTGTGTCGCAATCAACCCGCAAA TTTCCTACAGTCGCAGCGGCTTAA 1399 ACTGTGTCGCAATCAACCCGCAAA TTTCCTACAGTCGCACCGCTTAA 1400 TGCAGCCAATCAACCCGCAAA TTTCCTACAGTCGCAGCGGCTAAA 1401 CCCGCTATCCCGGTCTTGCAGTTC GAACTGCAAGACCCGGAACCGCACGT 1402 GAGGGCGCAACATATGCAGTGCT GAACTGCAAGACCCGGAACCGCACCT 1403 CGTACGGACATCAACCCGCAAA TTTCCTACAGTTCCGCACTGCAC 1404 AGTCTCCCGGAACTTAGAGC CCTCTAAGTTCCGCATTGCCGCCCTC 1403 CGTACGGACATCGATGACGCACCG CGTTAACGTTTCCTCGGAGAACT 1404 AGTCTCCCGAGAAACGCATAAGGC CCTTAAGTTCCGCATTTCCGACTGC 1405 AGGAAGTGGAACACGCATCAAGGC CCTTAAGGTTCCGATGTCCGACCCCTC 1406 GGGTTGCTCACCCTCCGCACTAACGCCGCGTTAACCCCCTCCACATACGCGCGCTTCACCTTCCTAAGTTCCGCACTTCCTACGACCCCTCCCCTCCCGCACATACGCGCGCTTCACCCTCCGCACATACGCGCGCTTCACCCTCCGCACATACGCGCGCG	1381	CACCGGCGGTTCGACTAACGTGAC	GTCACGTTAGTCGAACCGCCGGTG
1384 GCGGACCTGGGTTAATTGACGCGC GCGGCTCAATTAACCCAGGTCCGC 1385 TTTTTGATGTTGCGCACCGGGCTA TAGCCCGGTGCGCAACATCAAAAA 1386 TTGCGTCAGCGCATCTGCTCGATT AATCGAGCAGATGCGCTGACGCAA 1387 ATGAGCACGCCAGTTCGTTCCTTT AAAGGAACGAACTGGCGTGCTCAT 1388 TCAACGGTAAAGAATCGCCCCGCA TGCGGGGGCGATTCTTTACCGTTGA 1389 CGCGATTGACTGAACCACACCTCT AGAGGTGTGGTTCAGTCAATCGCG 1390 GCGTGAAAGAATGACGGCCGGTATA TATACCGGCCGTCATCTTTCACGC 1391 CATGATTCCACCTCGATCGGCTAG CTAGCCGATCGAGTGGAATCATG 1392 CTACGACAAAGCAACCGTCAAAA TTTTGCACGGTTGGTTGTTCGTAG 1393 ATGCCGTGTTCATCTTGATGGTCC GGACCATCAAGATGAACACGGCAT 1394 TTCGTGGAGGGACTTTGGAGATCC GGACCATCAAGATGAACACGGCAT 1395 GAAGCGCCGTAACGTTACGTACCGTCG CGACGGTGTACGTTACGGCGCTTC 1396 AGCGTGCCTTACGTAACGCTCG CGACGGTGTACGTTACGCCGCTCA 1397 ACAGTCAGGAGTAACGCCGCTCAA TTGACCTACGCAGCGCCTTC 1398 TTTAGCCGCTTGGCTATAAGGCTA TAGCCTTATAGCCAAGCGCACGCT 1399 ACTGTGTCGCAATCAACCCGCAAA TTTCCTACAGTCGCACCGTG 1400 TGCAGCCAATCAACCCGCAAA TTTCCTACAGTCGCACCAGT 1401 CCCGCTATCCCGGTCTTGCAGTTC CAACGTCGACAGCCACAGT 1402 GAGGCCAATCAACCCGCAAA TTTGCGGGTTTAGTTGCGACACAGT 1403 CGTACGAACATATGCAGTTC CAACTTCCACAGTTCCCGACTGCA 1404 AGTCTCCCGGAACTTTGAAGG CCTCTAAGTTCCGCAATTGTTCCGCCCTC 1403 CGTACGGAACATATGCAGTTC CAGCACTGCATATGTTGCGCCCTC 1403 CGTACGGAACATATGCAGTTC CAGCACTGCATATGTTTCCGCCCTC 1404 AGTCTCCCGAAAACGCAAACGCAACGCAACGCAACACTCAACCCGCAAA TTTCCAACGTCCACAGACCCGAACTCAACCACAACGCAAACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACGCAACACACACACACACACACACACACACACACACACACAC	1382	GAATGACGCGCAGTGCATTTGAAC	GTTCAAATGCACTGCGCGTCATTC
1385 TITITGATGTTGCGCACCGGGCTA ATCGAGCAGATGCGCTACACAAAA 1386 TIGCGTCAGCGCATCTGCTCGATT AATCGAGCAGATGCGCTGACGCAA 1387 ATGAGCACGCCAGTTCGTTCCTTT AAAGGAACGAACTGGCGTGCTCAT 1388 TCAACGGTAAAGAATCGCCCCGCA 1389 CGCGATTGACTGAACCACACCTCT AGAGGTGGTTCAGTTCA	1383	GTGCTCGTCTAACCGCGGATAGAG	CTCTATCCGCGGTTAGACGAGCAC
1386 TTGCGTCAGCGCATCTGCTCGATT AATCGAGCAGATGCGCTGACGCAA 1387 ATGAGCACGCCAGTTCGTTCCTTT AAAGGAACGAACTGGCGTGCTCAT 1388 TCAACGGTAAAGAATCGCCCCGCA TGCGGGGCGATTCTTTACCGTTGA 1389 CGCGATTGACTGAACCACACCTCT AGAGGTGTGTCAGTCAATCGCG 1390 GCGTGAAAGATGACGGCCGGTATA TATACCGGCCGTCATCTTTCACGC 1391 CATGATTCCACCTCGATCGGCTAG CTAGCCGATCGAGGTGGAATCATG 1392 CTACGACAAAGCAACCGTGCAAAA TTTTGCACGGTTGCTTTGTCGTAG 1393 ATGCCGTGTTCATCTTGATGGTCC GGACCATCAAGATGAACACGGCAT 1394 TTCGTGGAGGGACTTTGGAGATCC GGATCTCCAACAGTCCCTCCACGAA 1395 GAAGCGCCGTAACGTACACCGTCG CGACCGTTACGTTA	1384	GCGGACCTGGGTTAATTGACGCGC	GCGCGTCAATTAACCCAGGTCCGC
1387 ATGAGCACGCAGTTCGTTCTTT AAAGGAACGAACTGGCGTGCTCAT 1388 TCAACGGTAAAGAATCGCCCCGCA TGCGGGGCGATTCTTTACCGTTGA 1389 CGCGATTGACTGAACCACCCTCT AGAGGTGTGGTTCAGTCAATCGCG 1390 GCGTGAAAGATGACGGCCGGTATA TATACCGGCCGTCATCTTTCACGC 1391 CATGATTCCACCTCGATCGGCTAG CTAGCCGATCGAGGTGGAATCATG 1392 CTACGACAAAGCAACCGTGCAAAA TTTTGCACGGTTGCTTTGTCGTAG 1393 ATGCCGTGTTCATCTTGATGGTCC GGACCATCAAGATGAACACGGCAT 1394 TTCGTGGAGGGACTTTGGAGATCC GGATCTCCAAAGTCACCGCAT 1395 GAAGCGCCGTAACGTACACCCGTCG CGACGGTGACGTACGGCAT 1396 AGCGTGCGCTAACAGTACACCCGTCG 1397 ACAGTCAGGAGTAACGCCGTCAA TTGAGCCGAACCCGCACCCT 1398 TTTAGCCGCTTGGACATAACGCTA TTGAGCGGCGTTACTCTTGATGT 1398 TTTAGCCGCTTCGAACTACACCCGCAAA TTTCCTACAGTCCCAGCGGCTAAA 1399 ACTGTGTCGCAATCAACCCGCAAA TTTCCTACAGTCCCAGCGGCTAAA 1399 ACTGTGTCGCAATCAACCCGCAAA TTTTGCGGGTTGATTGCGCACCAGT 1400 TGCAGCCAATGCGGAACTTAGAGG CCTCTAAGTTCCGCATTGGCTGCA 1401 CCCGCTATCCCGGTCTTGCAGTTC GAACTGCAAGACCGGGATACGGG 1402 GAGGGCGCAACATATGCAGTGCT CAGCACTGCATTATGTTCGCCCTC 1403 CGTACGGACATCAACGCGAACG CGTTGCGTCATCGGTTCCGATTGCGCTCC 1404 AGTCTCCCGAGAAACGCATAAGGC GCCTTATGCGTTCCGCATTCCGTACG 1405 AGGAAGTGGATGAACGCGGCTGCA TGCAGCACCGGGTTACCCGTTCCT 1406 GGGTTGCTCACCCTCGTCATCAGG CCTTATGCGTTTCTCGGAGACC 1407 TAGGAATGCAGAACGCGTTCAACGCGCGTAA 1408 CTCCTCACTTCCAAGCTCCCGCAAA 1409 TCAATAGCACCTACGCGGATA 1409 TCAATAGCACCTACGCGGATA 1410 TGATTCCTCCAGCTTCCCG CGGAACTCCACTTCCTA 1410 TGATTCCTCCAGCTTCCCG CGGACATCCACTTCCACTTCCTA 1411 GTATTCCTGCGCTTTCACAGGC GCGTGATTTCCACCTTCCTA 1411 GTATTCTGCGGCTTTCACAGGC GCCTCGTATCCACGTCACACACCC 1411 TACCGCCAACTGCATGCATCCCCG CGGACCTTCACCCCCCACATAC 1411 TACCGCCAACTGCATGCACCCCGCACATACCCCGCACATAC 1411 TACCGCCAACTGCATGCACCCCGCACATACCCCGCACATACCCCCTCTTCCACCCTCGCAACCCCCCCACATACCCCCCCACAACCCCCCCACAACCCCCC	1385	TTTTTGATGTTGCGCACCGGGCTA	TAGCCCGGTGCGCAACATCAAAAA
1388 TCAACGGTAAAGAATCGCCCCGCA TGCGGGGCGATTCTTTACCGTTGA 1389 CGCGATTGACTGAACCACACCTCT AGAGGTTGGTTCAGTCAATCGCG 1390 GCGTGAAAGATGACGGCCGGTATA TATACCGGCCGTCATCTTTCACGC 1391 CATGATTCCACCTCGATCGGCTAG CTAGCCGATCGAGGTGGAATCATG 1392 CTACGACAAAGCAACCGTGCAAAA TTTTGCACGGTTGCTTTGTCGTAG 1393 ATGCCGTGTTCATCTTGATGGTCC GGACCATCAAGATGAACACGGCAT 1394 TTCGTGGAGGGACTTTGGAGATCC GGATCTCCAAAGTCCCTCCACGAA 1395 GAAGCGCCGTAACGTACACCGTCG CGACGGTGTACGTTACGGCGCTTC 1396 AGCGTGCGCTTGGCTATAAGGCTA TAGCCTTATAGCCAAGCGCACGCT 1397 ACAGTCAGGAGTAACGCCGCTCAA TTGAGCGGCGTTACTCCTGACTGT 1398 TTTAGCCGCTGCGACTGTAGGAAA TTTCCTACAGTCGCAGCGGCTAAA 1399 ACTGTGTCGCAATCAACCCGCAAA TTTGCGGGGTTGATTGCGACACGT 1400 TGCAGCCAATCAACCCGCAAA TTTGCGGGTTGATTGCGACACAGT 1401 CCCGCTATCCCGGTCTTGCAGTTC GAACTGCAAGACCGGGATAGCGGG 1402 GAGGGCGCAACATATGCAGTGCT CAGCACTGCATATGTTCCGCCTCC 1403 CGTACGGACATCAACGCGAACG CGTTCGCATATGTTCCGCCCTC 1404 AGTCTCCCGAGAAACGCATCAAGGC GCCTTATGCGTTCCTGACTG 1405 AGGAAGTGGATGACGCGAACG CGTTGCGTATCGGTTCCTTCCTTCT 1406 GGGTTGCTCACCCTCGTCATCAGG CCCTTCATGCGTTCCTTCCTTCT 1407 TAGGAATGCGAGTTCCGGCGGTAA TTACCGCCGGAACTCCATTCCTT 1408 CTCCTCACTTCCAGGTTCCGGCGGTAA TTACCGCCGGAACTCCATTCCTT 1409 TCAATAGCACCTACAGCTGCGGATA TTACCGCCGGAACTCCCATTCCTA 1409 TCAATAGCACCTACAGCTGCGGATA TATCCGCAGCTTCCTA 1401 TGATTCCTGCGCTTTCACAGGTCC CGGGAGCATCGCATTCCTA 1402 TAGGAATGCGAGTTCCAGGTCCCG CGGGAACTCCACTTCCTA 1403 CTACTACCTCCAGCTTCCAGGTCCCC CGGGAACTCCACTTCCTA 1404 AGTCTCCCGAGAACCCCTCGTCATCAGG CCTTATGCGTTTCTCGGGAGCTTCCTA 1405 TAGGAATGCGAGTTCCAGCTGCGGATA TACCGCCGCGTTCATCCACTTCCTA 1406 GGGTTGCTCACCCTCGTCATCAGG CCTGATGACGAGGGTGAACCCC 1407 TAGGAATGCGAGTTCCGGCGGATA TACCGCCGGAACTCCCATTCCTA 1408 CTCCTCACTTCCAAGCTGCGGATA TACCGCGGAACTCCCATTCCTA 1409 TCAATAGCACCTAGCATGCTCCCG CGGGACATCCTAGGAGGTGCAACCC 1407 TAGGAATGCGGGTTTCACAGGTCG CGGGACATCCACTTCCACTTCCACTTCCACTTCCAGGTTCCCGC CGGGACATCCACGAACCC 1407 TAGGAATGCAGCTAGCAGGCGGAACCC 1407 TAGGAATGCACCTAGCATGCTCCCG CGGGACCTTCATCCACTTCCTA 1408 CTCCTCACTTCCAAGCTGCGAACCC CGGGACATCCACACTACCACTTCCACTTCCACACTTCCACACTTCCACACTTCCACACTTCCACACTTCCACACTTCCACACTTCCACACTTCCACACACCC	1386	TTGCGTCAGCGCATCTGCTCGATT	AATCGAGCAGATGCGCTGACGCAA
1389 CGCGATTGACCACACACCTCT AGAGGTGGTTCAGTCAATCGCG 1390 GCGTGAAAGATGACGGCCGGTATA TATACCGGCCGTCATCTTTCACGC 1391 CATGATTCCACCTCGATCGGCTAG CTAGCCGATCGAGGTGGAATCATG 1392 CTACGACAAAGCAACCGTGCAAAA TTTTGCACGGTTGCTTTGTCGTAG 1393 ATGCCGTGTTCATCTTGATGGTC GGACCATCAAGATGAACACGGCAT 1394 TTCGTGGAGGGACTTTGGAGATCC GGATCTCCAAAGTCCCTCCACGAA 1395 GAAGCGCCGTAACGTACACCGTCG CGACGGTGACGTTACGGTTCCTTCACGAA 1396 AGCGTGCGCTTGGCTATAAGGCTA TAGCCTTATAGCCAAGCGCACCT 1397 ACAGTCAGGAGTACCCCGCTCAA TTGAGCCGTTACCTTCCTGACTGT 1398 TTTAGCCGCTGCGACTTAGAGAAA TTTCCTACAGTCGCAGCGCTAAA 1399 ACTGTGTCGCAATCAACCCGCAAA TTTCCTACAGTCGCAGCGGCTAAA 1399 ACTGTGTCGCAATCAACCCGCAAA TTTGCGGGTTGATTGCGACACAGT 1400 TGCAGCCAATGCGGAACTTAGAGG CCTCTAAGTTCCGCATTGCGCAC 1401 CCCGCTATCCCGGTCTTGCAGTTC GAACTGCAAGACCGGGATAGCGGG 1402 GAGGGCGCAACATATGCAGTGCTG CAGCACTGCATATGTTGCGCCCTC 1403 CGTACGGACATCAACCCGCAACG CGTTGCGTACGTATGTTCCGCATTCCTGACTG 1404 AGTCTCCCGAGAAACGCATAAGGC GCCTTATGCGTTCCTGACG 1405 AGGAAGTGGATGAACGCGAACG CGTTGCGTCATCGATGTCCGTACG 1406 GGGTTGCTCACCCTCGTCATCAGG CCCTTCATGCGTTCCTTCCTT 1407 TAGGAATGCGAGTTCCGGCGGTAA TTACCGCCGGAACTCCATTCCTT 1408 CTCCTCACTTCCAAGCTGCGGATA TTACCGCCGGAACTCCCATTCCTT 1409 TCAATAGCACCTAGCATGCTGCCG CGGGAGCATCGCATTCCTA 1409 TCAATAGCACCTAGCATGCTCCCG CGGGAGCATGCAAGCCCATTCCTA 1401 TAGGAATGCGAGTTCCCGG CGGAACTTCCACTTCCTA 1402 TAGGAATGCGAGTTCCAAGGC CCGGGAACTCGCATTCCTA 1403 CTACTCCCGAGATTCCAGGTCCCG CGGGAACTCGCATTCCTA 1404 AGTCTCCCGAGATTCCAGCTTCCACTCCTC 1405 TAGGAATGCGAGTTCCAGCTGCGGAAACCC 1407 TAGGAATGCGAGTTCCAGCTTCCACTTCCTA 1408 CTCCTCACTTCCAAGCTGCGGAAA 1409 TCAATAGCACCTAGCATGCTCCCG CGGGACATGCTAGGTGCTATTGA 1410 TGATTCCTGCGCTTTCACAGGTCG CGCCTTCATCCACTTCCTA 1411 GTATTGTGCGGGATGAAACCACGC GCCTTATCCCCCCACACAAC 1411 TACCGCCAACTTCCAACCCCGCAAACCC 1411 TACGGCCAACTTCCAACCCCGCACATAC 1411 TACGGCAACTTTCCAACCCGCGCTTCATCCACTTCCACTTCCAACTTCCACTTCCAACCTTCCAACCCTCGCATTCCAACCCCCCACAACCC 1411 TACGGCAACTTGCAAACCACGAGGGCC GCCCTTATCCAACTTCCCGCACATAC 1411 TACGGCAACTTGCAAACCACGAGGGCC GCCCTCATACCACACTTGCCGAACTTACCACCTTCCTACACACCCCGAAACCCCCAAACCCCCAAACCCCCAAACCCCCAAACCCCC	1387	ATGAGCACGCCAGTTCGTTCCTTT	AAAGGAACGAACTGGCGTGCTCAT
1390 GCGTGAAAGATGACGGCCGGTATA TATACCGGCCGTCATCTTTCACGC 1391 CATGATTCCACCTCGATCGGCTAG CTAGCCGATCGAGGTGGAATCATG 1392 CTACGACAAAGCAACCGTGCAAAA TTTTGCACGGTTGCTTTGTCGTAG 1393 ATGCCGTGTTCATCTTGATGGTCC GGACCATCAAGATGAACACGGCAT 1394 TTCGTGGAGGGACTTTGGAGATCC GGACCATCAAGATGACACACGGCAT 1395 GAAGCGCCGTAACGTACACCGTCG CGACGGTGTACCTTACGGCGCTTC 1396 AGCGTGCGCTTGGCTATAAAGGCTA TAGCCTTATAGCCAAGCGCACGCT 1397 ACAGTCAGGAGTAACGCCGCTCAA TTGAGCGCGTTACTCCTGACTGT 1398 TTTAGCCGCTGCGACTGTAGGAAA TTTCCTACAGTCGCAGCGCACGCT 1400 TGCAGCCAATCCACCCGCAAA TTTGCGGGTTGATTGCGACACAGT 1401 CCCGCTATCCCGGTCTTGCAGTTC GAACTGCAAGACCGGGATAGCGGG 1402 GAGGGCGCAACATTAGAGG CCTCTAAGTTCCGCATTGCTGCA 1403 CGTACGGAACATCAGCGCAACG CAGCACTGCATATGTTGCGCCCTC 1404 AGTCTCCCGAGAACACACGCAACG CGTTGCATTGCTTCCGCATTACG 1404 AGTCTCCCGAGAAACGCATAAGGC GCCTTATGCTTCCTCACG 1405 AGGAAGTGGATGAACGCGACTGCA TGCAGCGCGTTCATCCACTTCCT 1406 GGGTTGCTCACCCTCGTCATCAGG CCCTTATGCGTTCCACCTTCCT 1407 TAGGAATGCGAGTTCCGGCGTAA TTACCGCCGCATTCCACTTCCT 1408 CTCCTCACTTCCAAGCTGCGGATA TACCGCGGAACTCCATTCCAT	1388	TCAACGGTAAAGAATCGCCCCGCA	TGCGGGCGATTCTTTACCGTTGA
1391 CATGATTCCACCTCGATCGGCTAG 1392 CTACGACAAAGCAACCGTGCAAAA TTTTGCACGGTTGCTTTGTCGTAG 1393 ATGCCGTGTTCATCTTGATGGTCC GGACCATCAAGATGAACACGGCAT 1394 TTCGTGGAGGACTTTGGAGATCC GGATCTCCAAAGTCCCTCCACGAA 1395 GAAGCGCCGTAACGTACACCGTCG CGACGGTGTACGTTACGGCGCTTC 1396 AGCGTGCGCTATAAGGCTA TAGCCTTATAGCCAAGCGCACGCT 1397 ACAGTCAGGAGTAACGCCGCTCAA TTGAGCGGCGTTACTCTGACTGT 1398 TTTAGCCGCTGCGACTGTAGGAAA TTTCCTACAGTCGCAGCGGCTAAA 1399 ACTGTGTCGCAATCAACCCGCAAA TTTGCGGGTTGATTGCGACACAGT 1400 TGCAGCCAATGCGGAACTTAGAGG CCTCTAAGTTCCGCATTGGCTGCA 1401 CCCGCTATCCCGGTATTGCAGTTC GAACTGCAAGACCGGGATAGCGGG 1402 GAGGGCGCAACATATGCAGTGCTG CAGCACTGCATGTTGCGCCCTC 1403 CGTACGGACATCGATGACGCAACG CGTTGCGTACATGTTCCGCCCTC 1404 AGTCTCCCGAGAACGCAACG CGTTGCGTACATGTTCCGCACTG 1405 AGGAAGTGGATGAACGCCAACG CCTTATGCGTTCCTACGGAGACT 1406 GGGTTGCTCACCCTCGTCATCAGG CCCTTATGCGTTTCTCGGAGACT 1407 TAGGAATGCAGTTCCGCGGTAA TTACCGCCGGTTCATCCACTTCCT 1408 CTCCTCACTTCCAAGCTCCCG CCGGAACTCGCATTCCTA 1409 TCAATAGCACCTACAGCTCCCC CGGGAGCATCCAAGTCCAAC 1410 TGATTCCTGCGCTTTCACAGGTCC CGGGAGCATCCAACTCCTA 1411 GTATGTGCGGGAACTCACACC CGCTGATTCCACCTTCCTA 1411 GTATGTGCGGGAACTCACACC GCCTCGTATCCACCTTCCACTTCCACCTTCCACCCCCCCC	1389	CGCGATTGACTGAACCACACCTCT	AGAGGTGTGGTTCAGTCAATCGCG
1392 CTACGACAAAGCAACCGTGCAAAA TTTTGCACGGTTGCTTTGTCGTAG 1393 ATGCCGTGTTCATCTTGATGGTCC GGACCATCAAGATGAACACGGCAT 1394 TTCGTGGAGGGACTTTGGAGATCC GGATCTCCAAAGTCCCTCCACGAA 1395 GAAGCGCCGTAACGTACACCGTCG CGACGGTGTACGTTACGGCGCTTC 1396 AGCGTGCGCTTGGCTATAAGGCTA TAGCCTTATAGCCAAGCGCACGCT 1397 ACAGTCAGGAGTAACGCCGCTCAA TTGAGCGGCGTTACTCCTGACTGT 1398 TTTAGCCGCTGCGACTGTAGGAAA TTTCCTACAGTCGCAGCGCTAAA 1399 ACTGTGTCGCAATCAACCCGCAAA TTTGCGGGTTGATTGCGACACAGT 1400 TGCAGCCAATGCGGAACTTAGAGG CCTCTAAGTTCCGCATTGGCTGCA 1401 CCCGCTATCCCGGTCTTGCAGTTC GAACTGCAAGACCGGGATAGCGGG 1402 GAGGGCGCAACATATGCAGTGCTG CAGCACTGCATATGTTGCGCCCTC 1403 CGTACGGACATCGATGACGCAACG CGTTGCGTTCATCGGTGCACG 1404 AGTCTCCCGAGAAACGCAACG CGTTGCGTTCTCTCGGAGACT 1405 AGGAAGTGGATGAACGCAACG CCTTATGCGTTCCTCT 1406 GGGTTGCTCACCCTCGTCATCAGG CCCTGATGACGAGACCC 1407 TAGGAATGCGAGTTCCGGCGGTAA TTACCGCCGGAACCCC 1408 CTCCTCACTTCCAAGCTGCGGATA TACCGCCGGAACTCCATTCCT 1408 CTCCTCACTTCCAAGCTGCGGATA TACCGCCGGAACTCCCTTCCT 1409 TCAATAGCACCTAGCAGCCCC CGGGAGCATGCTAGGAGC 1410 TGATTCCTGCGCTTTCACAGGTCC CGGGAGCATGCTAGGAGCAACCC 1411 GTATTCCTGCGCTTTCACAGGTCC CGGCACTTCCATCATTGA 1410 TGATTCCTGCGCTTTCACAGGTCC CGCCCTCTTCATCCGCCACATACCCTTTCAAGCTCCCGC CGGAGCATGCTAGGAGCAACCC 1411 GTATTCCTGCGCTTTCACAGGTCC CGCCCTCTTCCACCCCCCCACATACC 1412 TACCGCCAACTGCCAACCC GCCCCCCACATACCCCTCCTTTCACAGGTCC CGCCCTCTATCCACCCTCCGCACATACCCCCCCCCC	1390	GCGTGAAAGATGACGGCCGGTATA	TATACCGGCCGTCATCTTTCACGC
1393 ATGCCGTGTTCATCTTGATGGTCC GGACCATCAAGATGAACACGGCAT 1394 TTCGTGGAGGGACTTTGGAGATCC GGATCTCCAAAGTCCCTCCACGAA 1395 GAAGCGCCGTAACGTACACCGTCG CGACGGTGTACGTTACGGCGCTTC 1396 AGCGTGCGCTTGGCTATAAGGCTA TAGCCTTATAGCCAAGCGCACGCT 1397 ACAGTCAGGAGTAACGCCGCTCAA TTGAGCGGCGTTACTCCTGACTGT 1398 TTTAGCCGCTGCGACTGTAGGAAA TTTCCTACAGTCGCAGCGGCTAAA 1399 ACTGTGTCGCAATCAACCCGCAAA TTTGCGGGTTGATTGCGACACAGT 1400 TGCAGCCAATGCGGAACTTAGAGG CCTCTAAGTTCCGCATTGGCTGCA 1401 CCCGCTATCCCGGTCTTGCAGTTC GAACTGCAAGACCGGGATAGCGGG 1402 GAGGGCGCAACATATGCAGTGCTG CAGCACTGCATATGTTGCGCCCTC 1403 CGTACGGACATCGATGACGCAACG CGTTGCGTCATCGATGTCCGTACG 1404 AGTCTCCCGAGAAACGCATAAGGC GCCTTATGCGTTCCTCCT 1405 AGGAAGTGGATGAACGCGGCTGCA TGCAGCCGCGTTCATCCACTTCCT 1406 GGGTTGCTCACCCTCGTCATCAGG CCTGATGACGAGGGTGAGCAACCC 1407 TAGGAATGCGAGTTCCGGCGGTAA TTACCGCCGGAACTCCACTTCCTA 1408 CTCCTCACTTCCAAGCTGCGGATA TATCCGCCGGAACTCCATTCCTA 1409 TCAATAGCACCTAGCATCCCC CGGGAGCATGCAGGAG 1401 TGATTCCTGCGCTTTCACAGGC CGGGAGCATGCAGGAGCAACCC 1410 TGATTCCTGCGCTTTCACAGGC CGGGAGCATGCTAGGAGCAACCC 1411 GTATGTGCGGGATAGGAAACCCC GCGGAACTTCCACTCCAC	1391	CATGATTCCACCTCGATCGGCTAG	CTAGCCGATCGAGGTGGAATCATG
1394 TTCGTGGAGGACTITGGAGATCC GGATCTCCAAAGTCCCTCCACGAA 1395 GAAGCGCCGTAACGTACACCGTCG CGACGGTGTACGTTACGGCGCTTC 1396 AGCGTGCGCTTGGCTATAAGGCTA TAGCCTTATAGCCAAGCGCACGCT 1397 ACAGTCAGGAGTAACGCCGCTCAA TTGAGCGGCGTTACTCCTGACTGT 1398 TTTAGCCGCTGCGACTGTAGGAAA TTTCCTACAGTCGCAGCGGCTAAA 1399 ACTGTGTCGCAATCAACCCGCAAA TTTGCGGGGTTGATTGCGACACAGT 1400 TGCAGCCAATGCGGAACTTAGAGG CCTCTAAGTTCCGCATTGGCTGCA 1401 CCCGCTATCCCGGTCTTGCAGTTC GAACTGCAAGACCGGGATAGCGGG 1402 GAGGGCGCAACATATGCAGTGCTG CAGCACTGCATATGTTGCGCCCTC 1403 CGTACGGACATCGATGACGCAACG CGTTGCGTACTGATTCCGCATACG 1404 AGTCTCCCGAGAAACGCATAAGGC GCCTTATGCGTTCCTCT 1406 GGGTTGCTCACCCTCGTCATCAGG CCTGATGACGAGGGTGAGCAACCC 1407 TAGGAATGCGAGTTCCGGCGGTAA TTACCGCCGGAACTCCAT 1408 CTCCTCACTTCCAAGCTGCGGATA TATCCGCCGGAACTCCCATTCCTA 1409 TCAATAGCACCTAGCATGCTCCCG CGGGAGCATGCTAGGAGGAGACCC 1410 TGATTCCTGCGCTTTCACAGGTCG CGACCTTGGAAAGCGCAGGAATCA 1410 TGATTCCTGCGCTTTCACAGGTCG CGACCTTGGAAAGCGCAGGAATCA 1411 GTATGTGCGGGATGGAAATCACGC GCCCTCGTATCCACCTTCCTA 1412 TACGGCAACTGTCGATACGAGGC GCCCTCGTATCCACCTTCCTA 1412 TACGGCAACTGTCGATACCGC GCGGTATTCCACCTTCCTA 1412 TACGGCAACTGTCGATACCGC GCCCTCGTATCCACCTTCCTA	1392	CTACGACAAAGCAACCGTGCAAAA	TTTTGCACGGTTGCTTTGTCGTAG
1395 GAAGCGCCGTAACGTACACCGTCG CGACGGTGTACGTTACGGCGCTTC 1396 AGCGTGCGCTTGGCTATAAGGCTA TAGCCTTATAGCCAAGCGCACGCT 1397 ACAGTCAGGAGTAACGCCGCTCAA TTGAGCGGCGTTACTCCTGACTGT 1398 TTTAGCCGCTGCGACTGTAGGAAA TTTCCTACAGTCGCAGCGGCTAAA 1399 ACTGTGTCGCAATCAACCCGCAAA TTTGCGGGTTGATTGCGACACAGT 1400 TGCAGCCAATGCGGAACTTAGAGG CCTCTAAGTTCCGCATTGGCTGCA 1401 CCCGCTATCCCGGTCTTGCAGTTC GAACTGCAAGACCGGGATAGCGGG 1402 GAGGGCGCAACATATGCAGTGCTG CAGCACTGCATATGTTGCGCCCTC 1403 CGTACGGACATCGATGACGCAACG CGTTGCTATCGTACG 1404 AGTCTCCCGAGAAACGCATAAGGC GCCTTATGCGTTCCTCT 1405 AGGAAGTGGATGAACGCGTGCA TGCAGCGCGTTCATCCACTTCCT 1406 GGGTTGCTCACCCTCGTCATCAGG CCTGATGACGAGGTGAGCAACCC 1407 TAGGAATGCGAGTTCCGGCGGTAA TTACCGCCGGAACTCCCTA 1408 CTCCTCACTTCCAAGCTGCGGATA TATCCGCAGCTTGCATTCCTA 1409 TCAATAGCACCTAGCATGCTCCCG CGGGAGCATGCTATGA 1410 TGATTCCTGCGCTTTCACAGGTCG CGACCTTGGAAGTGCAGGAG 1411 GTATGTGCGGGATGAAACCAC GCGTGATTCCATCCCGCACATAC 1412 TACCGCCAACTTTCCAACGTTCCCGAACTTCCTA 1412 TACCGCAACTTTCCACAGTTCCCGAACTTCCCTA 1412 TACCGCCAACTTTCCACAGTTCCCGAACTTCCCTA 1412 TACCGCCAACTTTCCACAGTTCCCGAACTTCCCTA 1412 TACCGCCAACTTTCCACAGTTCCCGAACTTCCCTA 1412 TACCGCCAACTTTCCACAGTTCCCGAACTTCCCTA 1412 TACCGCCAACTTTCCACAGTTCCCGAACTTCCCTA 1412 TACCGCCAACTTTCCACAGTTCCCGAACTTCCCTA 1412 TACCGCCAACTTTCCAACGTTCCCGAACTTCCCAACACTTCCCTA 1412 TACCGCCAACTTTCCAACGTTCCCGAACTTCCCAACACTTCCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCCAACACTTCAACACTTCAACACACTTCAACACTTCAACACTTCAACACTTCAACACTTCAACACTTAACACACTT	1393	ATGCCGTGTTCATCTTGATGGTCC	GGACCATCAAGATGAACACGGCAT
1396 AGCGTGCGCTTGGCTATAAGGCTA 1397 ACAGTCAGGAGTAACGCCGCTCAA 1398 TTTAGCCGCTGCGACTGTAGGAAA 1399 ACTGTGTCGCAATCAACCCGCAAA 1399 ACTGTGTCGCAATCAACCCGCAAA 1400 TGCAGCCATGCGGACTTTAGAGG 1401 CCCGCTATCCCGGTCTTGCAGTTC 1402 GAGGGCGCAACATGCAGGCTGCAACGTGCAACGCGGATAGCGGG 1403 CGTACGGACATGAGCGCAACG 1404 AGTCTCCCGAGAACGCCGCAACG 1405 AGGAAGTGGATGACGCAACG 1406 GGGTTGCTCACCCTCGTCATCAGG 1407 TAGGAATGCAGGTTCCGGCGTAA 1408 CTCCTCACTTCCAGGTTC 1408 CTCCTCACTTCCAGCTTCAAGCCCGGAACTCGATGCAGACCCC 1409 TCAATAGCACCTAGCGGATA 1410 TGATTCCTCAGCTTCCCG 1410 TGATTCCTCAGCTTCCCGCGATAACGCC 1410 TGATTCCTCCAGCATGCTCCCGCGAACTCCATTCCTA 1411 GTATGTGCGGGATGAACCCC 1411 GTATGTGCGGAAACCCCAACGCCGCTTCATCCACTTCCT 1411 GTATGTCCGCGGATACCCCCGCAACACCCCCCCCCCCCC	1394	TTCGTGGAGGGACTTTGGAGATCC	GGATCTCCAAAGTCCCTCCACGAA
1397 ACAGTCAGGAGTAACGCCGCTCAA TTGAGCGGCGTTACTCCTGACTGT 1398 TTTAGCCGCTGCGACTGTAGGAAA TTTCCTACAGTCGCAGCGGCTAAA 1399 ACTGTGTCGCAATCAACCCGCAAA TTTGCGGGTTGATTGCGACACAGT 1400 TGCAGCCAATGCGGAACTTAGAGG CCTCTAAGTTCCGCATTGGCTGCA 1401 CCCGCTATCCCGGTCTTGCAGTTC GAACTGCAAGACCGGGATAGCGGG 1402 GAGGGCGCAACATATGCAGTGCTG CAGCACTGCATATGTTGCGCCCTC 1403 CGTACGGACATCGATGACGCAACG CGTTGCGTCATCGATGTCCGTACG 1404 AGTCTCCCGAGAAACGCATAAGGC GCCTTATGCGTTTCTCGGGAGACT 1405 AGGAAGTGGATGAACGCGGCTGCA TGCAGCCGCGTTCATCCACTTCCT 1406 GGGTTGCTCACCCTCGTCATCAGG CCTGATGACGAGGGTGAGCAACCC 1407 TAGGAATGCGAGTTCCGGCGGTAA TTACCGCCGGAACTCGCATTCCTA 1408 CTCCTCACTTCCAAGCTGCGGATA TATCCGCAGCTTGGAAGTGAGGAG 1409 TCAATAGCACCTAGCATGCTCCCG CGGGAGCATGCTAGGTGCTATTGA 1410 TGATTCCTGCGCTTTCACAGGTCG CGACCTGTGAAAGCGCAGGAATCA 1411 GTATGTGCGGGATAGAACCACG GCCTCGTATCCACATTCCTA 1412 TACGGCAACTGTCGATACGAGGCC GCCCTCGTATCCACATTCCTA	1395	GAAGCGCCGTAACGTACACCGTCG	CGACGGTGTACGTTACGGCGCTTC
1398 TTTAGCCGCTGCGACTGTAGGAAA TTTCCTACAGTCGCAGCGGCTAAA 1399 ACTGTGTCGCAATCAACCCGCAAA TTTGCGGGTTGATTGCGACACAGT 1400 TGCAGCCAATGCGGAACTTAGAGG CCTCTAAGTTCCGCATTGGCTGCA 1401 CCCGCTATCCCGGTCTTGCAGTTC GAACTGCAAGACCGGGATAGCGGG 1402 GAGGGCGCAACATATGCAGTGCTG CAGCACTGCATATGTTGCGCCCTC 1403 CGTACGGACATCGATGACGCAACG CGTTGCGTCATCGATGTCCGTACG 1404 AGTCTCCCGAGAAACGCATAAGGC GCCTTATGCGTTTCTCGGGAGACT 1405 AGGAAGTGGATGAACGCGGCTGCA TGCAGCCGCGTTCATCCACTTCCT 1406 GGGTTGCTCACCCTCGTCATCAGG CCTGATGACGAGGGTGAGCAACCC 1407 TAGGAATGCGAGTTCCGGCGGTAA TTACCGCCGGAACTCGCATTCCTA 1408 CTCCTCACTTCCAAGCTGCGGATA TATCCGCAGCTTGGAAGTGAGGAG 1409 TCAATAGCACCTAGCATGCTCCCG CGGGAGCATGCTAGGTGCTATTGA 1410 TGATTCCTGCGCTTTCACAGGTCG CGACCTGTGAAAGCGCAGGAATCA 1411 GTATGTGCGGGATGGAAATCACGC GCGTGATTTCCATCCCGCACATAC 1412 TACGGCAACTGTCGATACGAGGGC GCCCTCGTATCCGACATTCCTA	1396	AGCGTGCGCTTGGCTATAAGGCTA	TAGCCTTATAGCCAAGCGCACGCT
1399 ACTGTGTCGCAATCAACCCGCAAA TTTGCGGGTTGATTGCGACACAGT 1400 TGCAGCCAATGCGGAACTTAGAGG CCTCTAAGTTCCGCATTGGCTGCA 1401 CCCGCTATCCCGGTCTTGCAGTTC GAACTGCAAGACCGGGATAGCGGG 1402 GAGGGCGCAACATATGCAGTGCTG CAGCACTGCATATGTTGCGCCCTC 1403 CGTACGGACATCGATGACGCAACG CGTTGCGTCATCGATGTCCGTACG 1404 AGTCTCCCGAGAAACGCATAAGGC GCCTTATGCGTTTCTCGGGAGACT 1405 AGGAAGTGGATGAACGCGGCTGCA TGCAGCCGCGTTCATCCACTTCCT 1406 GGGTTGCTCACCCTCGTCATCAGG CCTGATGACGAGGGTGAGCAACCC 1407 TAGGAATGCGAGTTCCGGCGGTAA TTACCGCCGGAACTCGCATTCCTA 1408 CTCCTCACTTCCAAGCTGCGGATA TATCCGCAGCTTGGAAGTGAGGAG 1409 TCAATAGCACCTAGCATGCTCCCG CGGGAGCATGCTAGGTGCTATTGA 1410 TGATTCCTGCGCTTTCACAGGTCG CGACCTTGAAAGCGCAGGAATCA 1411 GTATGTGCGGGATAGAACCACG GCGTGATTTCCATCCCGCACATAC 1412 TACGGCAACTGTCGATACGAGGCC GCCCTCGTATCGACAGTTGCCGTA	1397	ACAGTCAGGAGTAACGCCGCTCAA	TTGAGCGGCGTTACTCCTGACTGT
1400 TGCAGCCAATGCGGAACTTAGAGG CCTCTAAGTTCCGCATTGGCTGCA 1401 CCCGCTATCCCGGTCTTGCAGTTC GAACTGCAAGACCGGGATAGCGGG 1402 GAGGGCGCAACATATGCAGTGCTG CAGCACTGCATATGTTGCGCCCTC 1403 CGTACGGACATCGATGACGCAACG CGTTGCGTCATCGATGTCCGTACG 1404 AGTCTCCCGAGAAACGCATAAGGC GCCTTATGCGTTTCTCGGGAGACT 1405 AGGAAGTGGATGAACGCGGCTGCA TGCAGCCGCGTTCATCCACTTCCT 1406 GGGTTGCTCACCCTCGTCATCAGG CCTGATGACGAGGGTGAGCAACCC 1407 TAGGAATGCGAGTTCCGGCGGTAA TTACCGCCGGAACTCGCATTCCTA 1408 CTCCTCACTTCCAAGCTGCGGATA TATCCGCAGCTTGGAAGTGAGGAG 1409 TCAATAGCACCTAGCATGCTCCCG CGGGAGCATGCTAGGTGCTATTGA 1410 TGATTCCTGCGCTTTCACAGGTCG CGACCTGTGAAAGCGCAGGAATCA 1411 GTATGTGCGGGATAGGAACCCC GCGTGATTCCATCCCGCACATAC 1412 TACGGCAACTGTCGATACGAGGGC GCCCTCGTATCGACAGTTGCCGTA	1398	TTTAGCCGCTGCGACTGTAGGAAA	TTTCCTACAGTCGCAGCGGCTAAA
1401 CCCGCTATCCCGGTCTTGCAGTTC GAACTGCAAGACCGGGATAGCGGG 1402 GAGGGCGCAACATATGCAGTGCTG CAGCACTGCATATGTTGCGCCCTC 1403 CGTACGGACATCGATGACGCAACG CGTTGCGTCATCGATGTCCGTACG 1404 AGTCTCCCGAGAAACGCATAAGGC GCCTTATGCGTTTCTCGGGAGACT 1405 AGGAAGTGGATGAACGCGGCTGCA TGCAGCCGCGTTCATCCACTTCCT 1406 GGGTTGCTCACCCTCGTCATCAGG CCTGATGACGAGGGTGAGCAACCC 1407 TAGGAATGCGAGTTCCGGCGGTAA TTACCGCCGGAACTCGCATTCCTA 1408 CTCCTCACTTCCAAGCTGCGGATA TATCCGCAGCTTGGAAGTGAGGAG 1409 TCAATAGCACCTAGCATGCTCCCG CGGGAGCATGCTAGGTGCTATTGA 1410 TGATTCCTGCGCTTTCACAGGTCG CGACCTGTGAAAGCGCAGGAATCA 1411 GTATGTGCGGGGATGGAAATCACGC GCGTGATTTCCATCCCGCACATAC 1412 TACGGCAACTGTCGATACGAGGGC GCCCTCGTATCGACAGTTGCCGTA	1399	ACTGTGTCGCAATCAACCCGCAAA	TTTGCGGGTTGATTGCGACACAGT
1402 GAGGGCGCAACATATGCAGTGCTG CAGCACTGCATATGTTGCGCCCTC 1403 CGTACGGACATCGATGACGCAACG CGTTGCGTCATCGATGTCCGTACG 1404 AGTCTCCCGAGAAACGCATAAGGC GCCTTATGCGTTTCTCGGGAGACT 1405 AGGAAGTGGATGAACGCGGCTGCA TGCAGCCGCGTTCATCCACTTCCT 1406 GGGTTGCTCACCCTCGTCATCAGG CCTGATGACGAGGGTGAGCAACCC 1407 TAGGAATGCGAGTTCCGGCGGTAA TTACCGCCGGAACTCGCATTCCTA 1408 CTCCTCACTTCCAAGCTGCGGATA TATCCGCAGCTTGGAAGTGAGGAG 1409 TCAATAGCACCTAGCATGCTCCCG CGGAGCATGCTAGGTGCTATTGA 1410 TGATTCCTGCGCTTTCACAGGTCG CGACCTGTGAAAGCGCAGGAATCA 1411 GTATGTGCGGGATGGAAATCACGC GCGTGATTTCCATCCCGCACATAC 1412 TACGGCAACTGTCGATACGAGGGC GCCCTCGTATCGACAGTTGCCGTA	1400	TGCAGCCAATGCGGAACTTAGAGG	CCTCTAAGTTCCGCATTGGCTGCA
1403 CGTACGACATCGATGACGCAACG CGTTGCGTCATCGATGTCCGTACG 1404 AGTCTCCCGAGAAACGCATAAGGC GCCTTATGCGTTTCTCGGGAGACT 1405 AGGAAGTGGATGAACGCGGCTGCA TGCAGCCGCGTTCATCCACTTCCT 1406 GGGTTGCTCACCCTCGTCATCAGG CCTGATGACGAGGGTGAGCAACCC 1407 TAGGAATGCGAGTTCCGGCGGTAA TTACCGCCGGAACTCGCATTCCTA 1408 CTCCTCACTTCCAAGCTGCGGATA TATCCGCAGCTTGGAAGTGAGGAG 1409 TCAATAGCACCTAGCATGCTCCCG CGGAGCATGCTAGGTGCTATTGA 1410 TGATTCCTGCGCTTTCACAGGTCG CGACCTGTGAAAGCGCAGGAATCA 1411 GTATGTGCGGGATAGCACCC GCGTGATTTCCATCCCGCACATAC 1412 TACGGCAACTGTCGATACGAGGGC GCCCTCGTATCGACAGTTGCCGTA	1401	CCCGCTATCCCGGTCTTGCAGTTC	GAACTGCAAGACCGGGATAGCGGG
1404 AGTCTCCCGAGAAACGCATAAGGC GCCTTATGCGTTTCTCGGGAGACT 1405 AGGAAGTGGATGAACGCGGCTGCA TGCAGCCGCGTTCATCCACTTCCT 1406 GGGTTGCTCACCCTCGTCATCAGG CCTGATGACGAGGGTGAGCAACCC 1407 TAGGAATGCGAGTTCCGGCGGTAA TTACCGCCGGAACTCGCATTCCTA 1408 CTCCTCACTTCCAAGCTGCGGATA TATCCGCAGCTTGGAAGTGAGGAG 1409 TCAATAGCACCTAGCATGCTCCCG CGGAGCATGCTAGGTGCTATTGA 1410 TGATTCCTGCGCTTTCACAGGTCG CGACCTGTGAAAGCGCAGGAATCA 1411 GTATGTGCGGGATAGCACCC GCGTGATTTCCATCCCGCACATAC 1412 TACGGCAACTGTCGATACGAGGGC GCCCTCGTATCGACAGTTGCCGTA	1402	GAGGGCGCAACATATGCAGTGCTG	CAGCACTGCATATGTTGCGCCCTC
1405 AGGAAGTGGATGAACGCGGCTGCA TGCAGCCGCGTTCATCCACTTCCT 1406 GGGTTGCTCACCCTCGTCATCAGG CCTGATGACGAGGGTGAGCAACCC 1407 TAGGAATGCGAGTTCCGGCGGTAA TTACCGCCGGAACTCGCATTCCTA 1408 CTCCTCACTTCCAAGCTGCGGATA TATCCGCAGCTTGGAAGTGAGGAG 1409 TCAATAGCACCTAGCATGCTCCCG CGGAGCATGCTAGGTGCTATTGA 1410 TGATTCCTGCGCTTTCACAGGTCG CGACCTGTGAAAGCGCAGGAATCA 1411 GTATGTGCGGGATAGCACCC GCGTGATTTCCATCCCGCACATAC 1412 TACGGCAACTGTCGATACGAGGCC GCCCTCGTATCGACAGTTGCCGTA	1403	CGTACGGACATCGATGACGCAACG	CGTTGCGTCATCGATGTCCGTACG
1406 GGGTTGCTCACCCTCGTCATCAGG CCTGATGACGAGGGTGAGCAACCC 1407 TAGGAATGCGAGTTCCGGCGGTAA TTACCGCCGGAACTCGCATTCCTA 1408 CTCCTCACTTCCAAGCTGCGGATA TATCCGCAGCTTGGAAGTGAGGAG 1409 TCAATAGCACCTAGCATGCTCCCG CGGAGCATGCTAGGTGCTATTGA 1410 TGATTCCTGCGCTTTCACAGGTCG CGACCTGTGAAAGCGCAGGAATCA 1411 GTATGTGCGGGATGGAAATCACGC GCGTGATTTCCATCCCGCACATAC 1412 TACGGCAACTGTCGATACGAGGGC GCCCTCGTATCGACAGTTGCCGTA	1404	AGTCTCCCGAGAAACGCATAAGGC	GCCTTATGCGTTTCTCGGGAGACT
1407 TAGGAATGCGAGTTCCGGCGGTAA TTACCGCCGGAACTCGCATTCCTA 1408 CTCCTCACTTCCAAGCTGCGGATA TATCCGCAGCTTGGAAGTGAGGAG 1409 TCAATAGCACCTAGCATGCTCCCG CGGGAGCATGCTAGGTGCTATTGA 1410 TGATTCCTGCGCTTTCACAGGTCG CGACCTGTGAAAGCGCAGGAATCA 1411 GTATGTGCGGGATGGAAATCACGC GCGTGATTTCCATCCCGCACATAC 1412 TACGGCAACTGTCGATACGAGGGC GCCCTCGTATCGACAGTTGCCGTA	1405	AGGAAGTGGATGAACGCGGCTGCA	TGCAGCCGCGTTCATCCACTTCCT
1408 CTCCTCACTTCCAAGCTGCGGATA TATCCGCAGCTTGGAAGTGAGGAG 1409 TCAATAGCACCTAGCATGCTCCCG CGGGAGCATGCTAGGTGCTATTGA 1410 TGATTCCTGCGCTTTCACAGGTCG CGACCTGTGAAAGCGCAGGAATCA 1411 GTATGTGCGGGATGGAAATCACGC GCGTGATTTCCATCCCGCACATAC 1412 TACGGCAACTGTCGATACGAGGGC GCCCTCGTATCGACAGTTGCCGTA	1406	GGGTTGCTCACCCTCGTCATCAGG	CCTGATGACGAGGGTGAGCAACCC
1409 TCAATAGCACCTAGCATGCTCCCG CGGGAGCATGCTAGGTGCTATTGA 1410 TGATTCCTGCGCTTTCACAGGTCG CGACCTGTGAAAGCGCAGGAATCA 1411 GTATGTGCGGGATGGAAATCACGC GCGTGATTTCCATCCCGCACATAC 1412 TACGGCAACTGTCGATACGAGGGC GCCCTCGTATCGACAGTTGCCGTA	1407	TAGGAATGCGAGTTCCGGCGGTAA	TTACCGCCGGAACTCGCATTCCTA
1410 TGATTCCTGCGCTTTCACAGGTCG CGACCTGTGAAAGCGCAGGAATCA 1411 GTATGTGCGGGATGGAAATCACGC GCGTGATTTCCATCCCGCACATAC 1412 TACGGCAACTGTCGATACGAGGGC GCCCTCGTATCGACAGTTGCCGTA	1408	CTCCTCACTTCCAAGCTGCGGATA	TATCCGCAGCTTGGAAGTGAGGAG
1411 GTATGTGCGGGATGGAAATCACGC GCGTGATTTCCATCCCGCACATAC 1412 TACGGCAACTGTCGATACGAGGGC GCCCTCGTATCGACAGTTGCCGTA	1409	TCAATAGCACCTAGCATGCTCCCG	CGGGAGCATGCTAGGTGCTATTGA
1412 TACGGCAACTGTCGATACGAGGGC GCCCTCGTATCGACAGTTGCCGTA	1410	TGATTCCTGCGCTTTCACAGGTCG	CGACCTGTGAAAGCGCAGGAATCA
	1411	GTATGTGCGGGATGGAAATCACGC	GCGTGATTTCCATCCCGCACATAC
1413 GGTTCCCTATCCAGCACTCCTCGC GCGAGGAGTGCTGGATAGGGAACC	1412	TACGGCAACTGTCGATACGAGGGC	GCCCTCGTATCGACAGTTGCCGTA
	1413	GGTTCCCTATCCAGCACTCCTCGC	GCGAGGAGTGCTGGATAGGGAACC

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1414	ATAAGCGCGCCACAGGTATGTACC	GGTACATACCTGTGGCGCGCTTAT
1415	GAAAGTCGCCAACAGACTCGAGCA	TGCTCGAGTCTGTTGGCGACTTTC
1416	CGCTAATGCCTCATAGGCGTGTGC	GCACACGCCTATGAGGCATTAGCG
1417	ATCCCCGCCGCACGAAGTACCAAG	CTTGGTACTTCGTGCGGCGGGAT
1418	GACGCTGCTGATGGCTTTATCGAT	ATCGATAAAGCCATCAGCAGCGTC
1419	CTCTCCCGTCGCTTCAGAGATTA	TAATCTCTGAAGCGACGGGAGAG
1420	TCATGTGGGCCGTCGTATCAGTTT	AAACTGATACGACGGCCCACATGA
1421	GGCCTGAAGGTGAATGGTTACGTG	CACGTAACCATTCACCTTCAGGCC
1422	AGCCTCCAAAGCCGGTAGAGTTCC	GGAACTCTACCGGCTTTGGAGGCT
1423	TTGTCGTAGGCGCTCACCTTAGGA	TCCTAAGGTGAGCGCCTACGACAA
1424	GCCTGAGTCCGGGTCGGGAAAGAA	TTCTTTCCCGACCCGGACTCAGGC
1425	GGCACTATACCGGTTCTGGACGCG	CGCGTCCAGAACCGGTATAGTGCC
1426	CCGTGTATACGGAAAGGTACGCCA	TGGCGTACCTTTCCGTATACACGG
1427	CCCAAGGCAAGTGTGCATCAGTCC	GGACTGATGCACACTTGCCTTGGG
1428	GGAGTGCATCATGGCCAAATCTGG	CCAGATTTGGCCATGATGCACTCC
1429	CCATGTTACGTCTGCGCACCACAG	CTGTGGTGCGCAGACGTAACATGG
1430	GGCGTTGAGCTTAAAAGCAGCGAC	GTCGCTGCTTTTAAGCTCAACGCC
1431	TTGGCACTCTGCAAGATACGTGGG	CCCACGTATCTTGCAGAGTGCCAA
1432	GATCTGCACTGCAAGGTCTTGGGG	CCCCAAGACCTTGCAGTGCAGATC
1433	CGATCAACTTGCGGCCATTCCTGC	GCAGGAATGGCCGCAAGTTGATCG
1434	CGGCTGGGGTCACAGAAACGAGTA	TACTCGTTTCTGTGACCCCAGCCG
1435	GCGGCTAGTTGTACCTAGCGGCTG	CAGCCGCTAGGTACAACTAGCCGC
1436	TCGTCACTGTTAGAGAGGCCTCCG	CGGAGGCCTCTCTAACAGTGACGA
1437	AGTGTCGTGAGCCCTAGCGGCGCT	AGCGCCGCTAGGGCTCACGACACT
1438	AGGACGCAGGGATTCAAGTGCAAC	GTTGCACTTGAATCCCTGCGTCCT
1439	ACCGATGCGCGGTCGGTCTCATAC	GTATGAGACCGACCGCGCATCGGT
1440	GGCAGAGGGTTAGGGGGTTTTTTT	AAAAAAACCCCCTAACCCTCTGCC
1441	GGCAAAGGGTGTTTATGGGAGACC	GGTCTCCCATAAACACCCTTTGCC
1442	ACAAGGCTTCGGCTGGCAGAATAC	GTATTCTGCCAGCCGAAGCCTTGT
1443	CATATCCGTTCCTATCGCCAGACG	CGTCTGGCGATAGGAACGGATATG
1444	AAGCCTTTGTGGCCAAGGCCGCGT	ACGCGGCCTTGGCCACAAAGGCTT
1445	CCGAACCATGGCTTTATCCAGTGT	ACACTGGATAAAGCCATGGTTCGG
1446	GTTCAGCAGTAGCTCCCTCCGA	TCGAGGAGGGAGCTACTGCTGAAC
1447	GCGCAGTGACACCATGATGCTTTC	GAAAGCATCATGGTGTCACTGCGC
1448	ACGATCCATTTTGCCAGCATGCAA	TTGCATGCTGGCAAAATGGATCGT
1449	TCCCTTCATTTCGGGTTTTTAGCC	GGCTAAAAACCCGAAATGAAGGGA
1450	TCTTCTTGCCCACATTCCCTTTTG	CAAAAGGGAATGTGGGCAAGAAGA
1451	TGCCTTTTGATTGGTGGTCACGGT	ACCGTGACCACCAATCAAAAGGCA

1452	GACCCTCACGGTCATCAGAGGGAG	CTCCCTCTGATGACCGTGAGGGTC
1453	CCGTTCAACACAGTGATACACGCG	CGCGTGTATCACTGTGTTGAACGG
1454	CACCAGGGGATAGGTGCGGTACGC	GCGTACCGCACCTATCCCCTGGTG
1455	GGTCGGAACTGATCTGTGCGATCC	GGATCGCACAGATCAGTTCCGACC
1456	TGCTCCTTCCTAGGGTCATCCGTG	CACGGATGACCCTAGGAAGGAGCA
1457	GTGGACTTTGACGCCGGCTACCGC	GCGGTAGCCGGCGTCAAAGTCCAC
1458	CTGATCTGTCGGCGGTTACTTGCC	GGCAAGTAACCGCCGACAGATCAG
1459	AGAGGAGCGGAAAAAACCGGACGA	TCGTCCGGTTTTTTCCGCTCCTCT
1460	GCGACGAAGAGCTC	GAGCTTGCTGGATCTCTTCGTCGC
1461	GGGACTTCCAGCTGAGGGACGAAA	TTTCGTCCCTCAGCTGGAAGTCCC
1462	GGCGCACTCCAATACCCACTGTTT	AAACAGTGGGTATTGGAGTGCGCC
1463	GCGCTTGGAGACTGTCAGGACGTG	CACGTCCTGACAGTCTCCAAGCGC
1464	CAAACCGCTGGTTTCTCCACCTGT	ACAGGTGGAGAAACCAGCGGTTTG
1465	GCGATTGCTTGGGATCGGTGACTA	TAGTCACCGATCCCAAGCAATCGC
1466	CTCAGCGACATTTTTCTGGTGGCG	CGCCACCAGAAAAATGTCGCTGAG
1467	CAGCGGCGTCGTTTACTCAGGACT	AGTCCTGAGTAAACGACGCCGCTG
1468	GACAGCCGTGAACGCTCAGCCGTT	AACGGCTGAGCGTTCACGGCTGTC
1469	GGGCCGTAGAGGCATCGGGTAAAG	CTTTACCCGATGCCTCTACGGCCC
1470	CGCCGCTCACCTGCTTAAAGCATT	AATGCTTTAAGCAGGTGAGCGGCG
1471	TGCCAAATCGCAACTCTTGAGACA	TGTCTCAAGAGTTGCGATTTGGCA
1472	CCCCGATCGGGTGTAATTCTCCCT	AGGGAGAATTACACCCGATCGGGG
1473	CAAGGTCCAGGTGACGCAACCACT	AGTGGTTGCGTCACCTGGACCTTG
1474	CGAGCCTTCAGTGGTATGCATGCG	CGCATGCATACCACTGAAGGCTCG
1475	CAGCAGCGTGCCCATCTCGACTTA	TAAGTCGAGATGGGCACGCTGCTG
1476	CGGACCAAGATGGCAGTAATCCAG	CTGGATTACTGCCATCTTGGTCCG
1477	CTACCACGCTCTGCGCGGGCTGTA	TACAGCCCGCGCAGAGCGTGGTAG
1478	ACGTGGTTAGGCATGAGCTGCGTC	GACGCAGCTCATGCCTAACCACGT
1479	CGACATATCCGACATGACCGGATG	CATCCGGTCATGTCGGATATGTCG
1480	GCGCCCAGGCTGTGTTAGAAAATA	TATTTCTAACACAGCCTGGGCGC
1481	AGCTGGGACTCCGGACCTTGAGTG	CACTCAAGGTCCGGAGTCCCAGCT
1482	CGGTCGTAACCGCTGCTACAACTT	AAGTTGTAGCAGCGGTTACGACCG
1483	TCGTTCCTCTGGAACAATTCAGCA	TGCTGAATTGTTCCAGAGGAACGA
1484	CGGCATCTCCGGACAAAGGTTAAC	GTTAACCTTTGTCCGGAGATGCCG
1485	TATCTTGTCGAGCGCCACTCGGAG	CTCCGAGTGGCGCTCGACAAGATA
1486	TGCAAGGGAGAAAGCCCCATGAGC	GCTCATGGGGCTTTCTCCCTTGCA
1487	ACTGCATAGCCCAGATCCGCTTGC	GCAAGCGGATCTGGGCTATGCAGT
1488	TGTGATTCAGTCGAAGCAAGGCCG	CGGCCTTGCTTCGACTGAATCACA
1489	CATCCATCTACAATTCGGGCCAGT	ACTGGCCCGAATTGTAGATGGATG

1490	ATGAGCCGTTCAGAAAGCCAAAGA	TCTTTGGCTTTCTGAACGGCTCAT
1491	ACACTGGAATTGCTAGACCCCGCG	CGCGGGTCTAGCAATTCCAGTGT
1492	CTGAGCTGCGTGGGACAACTCCGC	GCGGAGTTGTCCCACGCAGCTCAG
1493	CAGCTACTAGGGCGCGATGTACCC	GGGTACATCGCGCCCTAGTAGCTG
1494	ATAATGATGGGACGAGAAGGCCCC	GGGGCCTTCTCGTCCCATCATTAT
1495	CGACCGAGTGTTACGACATGGTGC	GCACCATGTCGTAACACTCGGTCG
1496	TGCAGTACCCGCCGCTCCACTAGT	ACTAGTGGAGCGGCGGGTACTGCA
1497	ATGCTAGCGCGCCTGTCAACGTAC	GTACGTTGACAGGCGCGCTAGCAT
1498	AGACTCACTGCCGGCTGATCAAAT	ATTTGATCAGCCGGCAGTGAGTCT
1499	GCCTGGTGCGAAGATAGGGATTCC	GGAATCCCTATCTTCGCACCAGGC
1500	GGAAAGTTGGCGGATCCGAGCACT	AGTGCTCGGATCCGCCAACTTTCC
1501	GGCAGTGAGCAATGTGTGACGAGG	CCTCGTCACACATTGCTCACTGCC
1502	TGAGGTCCTCCCGGCGGACTACGA	TCGTAGTCCGCCGGGAGGACCTCA
1503	CTCGCCTTAGATCGTGGTTCCGCA	TGCGGAACCACGATCTAAGGCGAG
1504	GTCGAGGAATATCATCGCAGCCAG	CTGGCTGCGATGATATTCCTCGAC
1505	GCGAATGCAACGAGACAAGAAGGA	TCCTTCTTGTCTCGTTGCATTCGC
1506	TTCGCCACCAAGTCGGCATTTGTT	AACAAATGCCGACTTGGTGGCGAA
1507	CGGTGGCTGACACTTGCCGGATTC	GAATCCGGCAAGTGTCAGCCACCG
1508	CAAGGAGCAATCAGATGGTCGGAG	CTCCGACCATCTGATTGCTCCTTG
1509	GTGACCCGGTCCGTTCTAGCTGTG	CACAGCTAGAACGGACCGGGTCAC
1510	CTCTCGCCCACATAACTGCACAAA	TTTGTGCAGTTATGTGGGCGAGAG
1511	AAACCTGCCTAAGCAAGCACTGGA	TCCAGTGCTTGCTTAGGCAGGTTT
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1513	TGCTTGCGATATCACGATACTGCG	CGCAGTATCGTGATATCGCAAGCA
1514	TTAGTGTTCGAGCCTTGAGCCGGC	GCCGGCTCAAGGCTCGAACACTAA
1515	CTTGTTGCGCGAGTCCGTCTGGGA	TCCCAGACGGACTCGCGCAACAAG
1516	GTCAGCTGCTGCTGGTGCTCTTC	GAAGAGCACCAGCAGCAGCTGAC
1517	CATCCCTCGAGGTGTAGGCAACAC	GTGTTGCCTACACCTCGAGGGATG
1518	CAGATGCACTCCGACGGGATTCAG	CTGAATCCCGTCGGAGTGCATCTG
1519	CTGAGCCTCGCGAAGCTGTGGCAT	ATGCCACAGCTTCGCGAGGCTCAG
1520	GCTATGCCACGCCGCAGATAGAGC	GCTCTATCTGCGGCGTGGCATAGC
1521	AACACCAACCATACCGTCCGTTCA	TGAACGGACGGTATGGTTGGTGTT
1522	GCCCAGAGCTAAAGCATGTCTGGG	CCCAGACATGCTTTAGCTCTGGGC
1523	AATGCTGCAATGCTAGCGTCGCTA	TAGCGACGCTAGCATTGCAGCATT
1524	TCCGGACGCAGTATCCAATCCGGA	TCCGGATTGGATACTGCGTCCGGA
1525	TAAGACCATGTGGCACCAAGGTGC	GCACCTTGGTGCCACATGGTCTTA
1526	ACAGCCACACACGCGCCCACTA	TAGTGGGCGCGTGTGTGGCTGT
1527	TAGAACCGAGCACGGCGCCTTGTA	TACAAGGCGCCGTGCTCGGTTCTA

79

1528	TTCGAGTAAGCTGGCAGGACCACT	AGTGGTCCTGCCAGCTTACTCGAA
1529	CTTTCGCAGGTTCGCAGACAATCC	GGATTGTCTGCGAACCTGCGAAAG
1530	TACGTCCTGTGCTGTTGACACCGG	CCGGTGTCAACAGCACAGGACGTA
1531	GTTCGGGTCAATGTTTCGGGGAGA	TCTCCCGAAACATTGACCCGAAC
1532	CCCTGTTGTGAAGGGGTTTTGTGA	TCACAAAACCCCTTCACAACAGGG
1533	GGCAGATTGGTGAACCCCAGATAA	TTATCTGGGGTTCACCAATCTGCC
1534	CCCTCGGTGTGTTCAAGCCAAATC	GATTTGGCTTGAACACACCGAGGG
1535	CCCGCGAACATTTGAACAGCTTAA	TTAAGCTGTTCAAATGTTCGCGGG
1536	CCGTGTCAGTTGCTCCCTGGCACG	CGTGCCAGGGAGCAACTGACACGG
1537	TCCGTCTCAGCCGCCTCCCTATCC	GGATAGGGAGGCGGCTGAGACGGA
1538	ATAGCTGGGTCACCACAGGCGGTC	GACCGCCTGTGGTGACCCAGCTAT
1539	ATAGGCAAGCGGTGTAGCACAGCG	CGCTGTGCTACACCGCTTGCCTAT
1540	TTAGAAGCCGGTCTGGATTTGCGT	ACGCAAATCCAGACCGGCTTCTAA
1541	TGCCGACCTTTACCAGGATCCTCG	CGAGGATCCTGGTAAAGGTCGGCA
1542	GCCCACACTATAACCAAGCTGGCA	TGCCAGCTTGGTTATAGTGTGGGC
1543	TTGCGCCACTAGTACGGATCTCAA	TTGAGATCCGTACTAGTGGCGCAA
1544	CTTGCAGTTTATGCTGACCCGTCC	GGACGGGTCAGCATAAACTGCAAG
1545	TGCCTCCAAATTACTTACCGCCGT	ACGGCGGTAAGTAATTTGGAGGCA
1546	CCCGTATGCGGAAGCTATGGGCTA	TAGCCCATAGCTTCCGCATACGGG
1547	TCGTTCAACCCCACACTTCAGTTG	CAACTGAAGTGTGGGGTTGAACGA
1548	CAATGTGGGGGACATTTCAAGGTT	AACCTTGAAATGTCCCCCACATTG
1549	TAGCGTCGCACAAATGGCTGACCG	CGGTCAGCCATTTGTGCGACGCTA
1550	GGTGGCTTCGTGACAATATCGGCC	GGCCGATATTGTCACGAAGCCACC
1551	CAGCGGCGTCCGAAATTGGCTCTC	GAGAGCCAATTTCGGACGCCGCTG
1552	GGCTTGCTCTCGTTTTTGATTGCA	TGCAATCAAAAACGAGAGCAAGCC
1553	ATGCGAGGAGGACACGACCGTTCC	GGAACGGTCGTGTCCTCCCCAT
1554	CCTGTTCACTACGACCCACGGGAA	TTCCCGTGGGTCGTAGTGAACAGG
1555	GTGCCACGGAGTGCGACTGTTGCT	AGCAACAGTCGCACTCCGTGGCAC
1556	ACACATCCAAGTCTGACGATGGCC	GGCCATCGTCAGACTTGGATGTGT
1557	CAGCCCGAAAGGAAAGCCTCCGTG	CACGGAGGCTTTCCTTTCGGGCTG
1558	AACTGAATGTAGGTGGGCCCCTGT	ACAGGGCCCACCTACATTCAGTT
1559	ATTTTCGACGATAAGCTGGCCGGT	ACCGCCAGCTTATCGTCGAAAAT
1560	TGAGGGAGAACCCGAAATCTGCTT	AAGCAGATTTCGGGTTCTCCCTCA
1561	GGCGACTACATCCCCAATTGCTTG	CAAGCAATTGGGGATGTAGTCGCC
1562	GCAGACGCGGCCTTCCATACTTTT	AAAAGTATGGAAGGCCGCGTCTGC
1563	ACAACCACATGACGTGTAGCTGCA	TGCAGCTACACGTCATGTGGTTGT
1564	CTGCTGGGCGCGCAAAGCTTGTTG	CAACAAGCTTTGCGCGCCCAGCAG
1565	AAGCCTTCTTTGGCTTGCTCCGCT	AGCGGAGCAAGCCAAAGAAGGCTT

199

1566	TACCTGCTGCCTGGAGCAAGGCAT	ATGCCTTGCTCCAGGCAGCAGGTA
1567	GACGCCGCAGCCATGAGTGAGTGT	ACACTCACTCATGGCTGCGGCGTC
1568	AGTTGGCCGCTTATTTTGCTCACC	GGTGAGCAAAATAAGCGGCCAACT
1570	CCAGGCGCCTTCGACAGATCCTCA	TGAGGATCTGTCGAAGGCGCCTGG
1571	GTGTCCCCTCCAGCTAGCCAGTTT	AAACTGGCTAGCTGGAGGGGACAC
1572	GACAACAAGCCAAGGTGACACGTC	GACGTGTCACCTTGGCTTGTTGTC
1573	CTACACCGCTCGTGACTCGGCAAA	TTTGCCGAGTCACGAGCGGTGTAG
1574	TGGTGCCATCAAAGCACGTTGTAC	GTACAACGTGCTTTGATGGCACCA
1575	ACAATGCGTGTTGCGAAACGCATA	TATGCGTTTCGCAACACGCATTGT
1576	TTGTCCAGCCATTGTATTTTGCGC	GCGCAAAATACAATGGCTGGACAA
1577	ACGAGAGATAGCGGACTCCTCCGA	TCGGAGGAGTCCGCTATCTCTCGT
1578	AGCTTTGTCGTCAGGCGAGCTCTT	AAGAGCTCGCCTGACGACAAAGCT
1579	GACAGTCGGCGTGCAGTTTGTTGT	ACAACAAACTGCACGCCGACTGTC
1580	AGCTAGCGACGGCCAACTCACGTA	TACGTGAGTTGGCCGTCGCTAGCT
1581	CTCCTGTTCGGGGCCGTTACTGGT	ACCAGTAACGGCCCCGAACAGGAG
1582	ACTGACCGACGCAGTGCCACATAG	CTATGTGGCACTGCGTCGGTCAGT
1583	AGGTAGGGTCTGGTTTGACTCGCA	TGCGAGTCAAACCAGACCCTACCT
1584	CCTCCATTTTAGCGCGTTGCCAAT	ATTGGCAACGCGCTAAAATGGAGG
1585	TTCTTAGGATCCGCGCACTCTTGG	CCAAGAGTGCGCGGATCCTAAGAA
1586	GTCGAAGGTGTCTACCGTGCGCAG	CTGCGCACGGTAGACACCTTCGAC
1587	GTCACTCGGCGGCCCAATCACTCG	CGAGTGATTGGGCCGCCGAGTGAC
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1589	GCCCTCGACGAACTCATCCTGAAC	GTTCAGGATGAGTTCGTCGAGGGC
1590	TCCGGCGTACTCTGACACGGCGAT	ATCGCCGTGTCAGAGTACGCCGGA
1591	AGCCAAATGCTTTCGTGGTTCGGA	TCCGAACCACGAAAGCATTTGGCT
1592	ACTCCACGCCGCATGTTGCTGTGA	TCACAGCAACATGCGGCGTGGAGT
1593	GCTTCGAGTCGGTGGCATCTGTAT	ATACAGATGCCACCGACTCGAAGC
1594	GGTCTTGGGCCATCGACTTGCTGC	GCAGCAAGTCGATGGCCCAAGACC
1595	GGTATCGGACTGCACTAAGGGCAA	TTGCCCTTAGTGCAGTCCGATACC
1596	AGCCCATGCGTTCCGGATGATTTG	CAAATCATCCGGAACGCATGGGCT
1597	GCCAGGGTTAAAAGTGATGGGCTC	GAGCCCATCACTTTTAACCCTGGC
1598	GACGACGTGCTGGCTACGAAGGGG	CCCCTTCGTAGCCAGCACGTCGTC
1599	TCCTATTGACCGTGCATCGTGATC	GATCACGATGCACGGTCAATAGGA
1600	ACCCGCCTCGACTCCACAACTAAA	TTTAGTTGTGGAGTCGAGGCGGGT
1601	GATGTGGATCACGACCTGCCAGTA	TACTGGCAGGTCGTGATCCACATC
1602	GTGCCATTGCCACCCATAATGCGT	ACGCATTATGGGTGGCAATGGCAC
1603	TTAGCCTGTGCACCCAGTCAGGAG	CTCCTGACTGGGTGCACAGGCTAA
1604	TCCGATGGGAGAGGCTGATCTCAC	GTGAGATCAGCCTCTCCCATCGGA

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1605	CACTACTGAAGTGGCCTGGCGCTG	CAGCGCCAGGCCACTTCAGTAGTG
1606	TGCGGCCATAGCGATGTGATAGAT	ATCTATCACATCGCTATGGCCGCA
1607	GATTGCGCTTAACGGAGATGCACG	CGTGCATCTCCGTTAAGCGCAATC
1608	TCACGTTTGACAACGCCAAGCATT	AATGCTTGGCGTTGTCAAACGTGA
1609	GCATTGTTTGCTAAAGGCGGCATT	AATGCCGCCTTTAGCAAACAATGC
1610	AGTCGCTCTACGCGTGCAACGCTG	CAGCGTTGCACGCGTAGAGCGACT
1611	TAGCTCCATGGAGGTCCGAAAGGG	CCCTTTCGGACCTCCATGGAGCTA
1612	GACCGGTTGGACCTCACTGGCTTC	GAAGCCAGTGAGGTCCAACCGGTC
1613	AAGCCGGACAGTCAATGTGCGTAT	ATACGCACATTGACTGTCCGGCTT
1614	TGCCTCGCTGAGTTCTTCACCGTG	CACGGTGAAGAACTCAGCGAGGCA
1615	TCGTAGACCTTGCTTTTGGGCTCA	TGAGCCCAAAAGCAAGGTCTACGA
1616	ACCGCTATGCGCCCTACAAAGCAT	ATGCTTTGTAGGGCGCATAGCGGT
1617	TAGCGTCACCGTAGCTTGGGGCAG	CTGCCCCAAGCTACGGTGACGCTA
1618	CTCTCAGCAACTGATGGCACCGGA	TCCGGTGCCATCAGTTGCTGAGAG
1619	AAAGGAAATGTGGTGCTGGTCGGC	GCCGACCAGCACCACATTTCCTTT
1620	CCGGCTTAGATGGAGAACAAGTGC	GCACTTGTTCTCCATCTAAGCCGG
1621	AAGTAAATCGCCTCGCCCAAACCG	CGGTTTGGGCGAGGCGATTTACTT
1622	TGGGCTGTTCAGCCTACCGGACGT	ACGTCCGGTAGGCTGAACAGCCCA
1623	GTTTCGGTTCAGCCATGGGCCTAC	GTAGGCCCATGGCTGAACCGAAAC
1624	GGCCAACATTTCTAGGGGAGTGCC	GGCACTCCCCTAGAAATGTTGGCC
1625	TTCTTCGTTGGGATTGTCCTCACC	GGTGAGGACAATCCCAACGAAGAA
1626	TGCACATTGGGGTACGGATCTGAC	GTCAGATCCGTACCCCAATGTGCA
1627	GGCAGTTAGACGGCAAACTGCAGG	CCTGCAGTTTGCCGTCTAACTGCC
1628	CGCGTCAGGCTATGAATGGCTCTT	AAGAGCCATTCATAGCCTGACGCG
1629	GCTGAATGCAAACCTCGGAGCCAT	ATGGCTCCGAGGTTTGCATTCAGC
1630	CGCTCTGGCGGATTCATTGTTTTC	GAAAACAATGAATCCGCCAGAGCG
1631	TTTTCAATCAACCCTCCGGACGTA	TACGTCCGGAGGGTTGATTGAAAA
1632	GTGGTGGAGTCTGAAGCACGACAG	CTGTCGTGCTTCAGACTCCACCAC
1633	AAACAGGTCCGGATGATGTCTGGA	TCCAGACATCATCCGGACCTGTTT
1634	GTACCGCGTGTACGCCACCGTTAG	CTAACGGTGGCGTACACGCGGTAC
1635	TCCAACCTACATTTGCGGAAGGAA	TTCCTTCCGCAAATGTAGGTTGGA
1636	GACGTACCGTCGTCCCGTGAGTTG	CAACTCACGGGACGACGGTACGTC
1637	GGCAATCCTACAACCGACGCTGAT	ATCAGCGTCGGTTGTAGGATTGCC
1638	GGCGGCTGCAGGGTCTACATCGAG	CTCGATGTAGACCCTGCAGCCGCC
1639	ATACTACGCTGCAGCTGCGCGGC	GCCGCGCAGCTGCAGCGTAGTAT
1640	GGATCGCAATCCCTCCGATGACGA	TCGTCATCGGAGGGATTGCGATCC
1641	TGGCCTTGCACGGGAGCCGAATCT	AGATTCGGCTCCCGTGCAAGGCCA
1642	AGGTGCCGACGAAACGACGAATAT	ATATTCGTCGTTTCGTCGGCACCT

1643 GCTGTTTCACCGTCGTTGTTGT 1644 CGGTCCCAATGTTACAACCCAGAC GTCTGGGTTGTACAATTGGACCG 1645 GCAATTCCAGCCACTTTTGACCAA 1766 TGTGACATGTTACAACCCAGAC GTCTGGGTTGTACAATTGGACCG 1646 ACGGCGGAAAGCTCGGTACGGATA 1767 TATCCGTACCGACTTTTGCCCGT 1647 CGACCCGACTTTTGCTTCGAGTG CACTCGAAAGCAAAAGTCGGGTCG 1648 AATTCAGTGTTTGCGTCATCGTCG CGACCAGAACCAACACTGAATT 1649 CCTGTATGAGGTTCTGGGTCGGCT 1650 TGGCATACTTGGTCAAACGCCGT 1651 TCGCCAGTACAGAAACATGCGGC 1652 CCCGCTGTTGCTCTCATCGTGGAG 1653 CCCACAATCTGACCCTGGGAATC 1654 GCTCAGTTCAGCAACCCCGT 1655 CTTCACCGGACTCCAAGAACACACGGG 1655 CTTCACCGGACTCCAAGAACACCCGG 1656 CGCACAATCTGACCCTGGGAATCA 1656 CGCACAATCTGACCCTGGGAATCA 1657 ACGGACCCAAGAACACCCCGT 1658 CTCACCGTCCGGAACTCA 1659 ATTCCCAGGCCCAACCCCAGAACCTCCATCACGG 1659 ATTCCCAGGCCCAACCACTCATCACG 1651 ACGGACACCCCAGAACCACCGGG 1653 CCTCACCGTTGCTCCTCCGTCGAAC 1654 CCTCAGTCTCGGAACTTCCGCCGAACTTCCGAGACTTGCG 1655 CTTCACCGGCCCAACGACGGTCGAAC 1656 CGACAGTTCCGTCCGTCTTGAGGA 1656 CGACAGTTCCGTCCGTCTTGAGGA 1657 ACGGACACCCCAGAACCACCGTCGTTTGACCCCTTCCGT 1658 ATTCCCAGGCCCAACGACGGTCGAACCTCCC 1659 ATTCCCGGACCATCGAACCTCCC 1659 ATTCCCGACCACCCAACCCCCCAAT 1660 GTGTGGAACATGCAACCTCCC 1661 ATACAACGGTACGATTGGAACCGC 1661 ATACAACGGTACGATTGGAACCGC 1661 ATACAACGGTACGATTGGAACCGC 1661 ATACAACGGTACGATTGGAACCGC 1662 CCCCCTTTCATCCACCC 1663 CCACCTTACTCGCCCCCAAT 1664 ACTGTGATCCTTTCTGCCACACC 1664 ACTGTGATCCTCTTCTGCCCCCCCACCCCCCTTCACCCTTCCCACCC 1666 CACCCTTACTCCGCTCCCCCCCCCTTCACCCCACCCCCCCC			
1645 GCAATTCCAGCCACTTTTGACCAA TTGGTCAAAAGTGGCTGGAATTGC 1646 ACGGCGAAAGCTCGGTACGGATA TATCCGTACCGAGCTTTCGCCCGT 1647 CGACCCGACTTTTGCTTTCGAGTG CACTCGAAAGCAAAAGTCGGGTCG 1648 AATTCAGTGTTTGCGTCTGGTGCC CGACCATGACGCAAACACTGAATT 1649 CCTGTATGAGGTTCTGGGTCGGCT AGCCGACCCAGAACCACTACAGG 1650 TGGCATACTTGGTGCGAAACGCCGT ACGCGACCCAGAACCCTCATACAGG 1651 TCGCCAGTACAGAAACACTGCGGC GCCCGCACTTTTCTGTACTGGCGA 1652 CCCGCTGTTGCTCTCATCGTGAG CTCCACCAGTAGAGACACACTGAGTT 1653 GCCACAATCTGACCCTGGGAATCA TGATTCCCAGGGTCAGATTGTGGC 1654 GCTCAGTCCGGAACGTCATACAGGG 1655 CTTCACGGGACCAACGACGTCGAACCTCCAGAACTTCCGAGACTTGAGC 1656 CGACAGTTCCGTCTTTAGGGA TCCCAGAACTTCCGAGACTTGAGC 1657 ACGGAGACGACGACGGTCGAG CTCGACCGTCGTTGGCCCGTGAAG 1658 CATCAGTCCGTCTTTAGGA TCCTCAAGACGGACACACGCGGG 1659 ATTGCGGCAACGACGTCGAACCTCCC 1659 ATTGCGGGAGTTCAACGTCCC GGGACCGTCGGTCTCCGT 1650 GTGTGGAAGTACACTTCCG CCGTTTATCGGATGACCT 1660 GTGTGGAAGTACACTTCCGCCATTTTCTG CAGAAAGCTCCCCCAAT 1661 ATACAACGGTAGGACCAATTGGAACGG 1662 GCCCTGTGGAGCTTCCACCATTTGACCCTTCACCCTTCACCCACC	1643	GCTGTTTCACCGTCGTCGTTGTTG	CAACAACGACGACGGTGAAACAGC
1646 ACGGGCGAAAGCTCGGTACGGATA TATCCGTACCGAGCTTTCGCCCGT 1647 CGACCCGACTTTTGCTTTCGAGTG CACTCGAAAGCAAAAGTCGGGTCG 1648 AATTCAGTGTTTGCGTCATGGTCG CGACCATGACGCAAACACTGAATT 1649 CCTGTATGAGGTTCTGGGTCAGCCT AGCCGACCAGACCTCATACAGG 1650 TGGCATACTTGGTCCAAACGCCGT ACCGCGTTTGCACCAAGAAACTCTGCAATT 1651 TCGCCAGTACAGAAACATGCGGGC GCCCGCATGTTTCTGTACTGGCCA 1651 TCGCCAGTACAGAAACATGCGGGC GCCCGCATGTTTCTGTACTGGCA 1652 CCCGCTGTTGCTCTCATCGTGGAG CTCACAGAAGACACACGGG 1653 GCCACAATCTGACCCTGGAAGTCA TGATTCCCAGGGTCAGACACACGCGG 1654 GCTCAGTCTCGGAAGTTTCGGCTA TAGCCGAAACTTCCGAGACTGAGC 1655 CTTCACGGGCCAACGACGGTCGAG CTCGACCGTCGTGGCCCGTCAAG 1656 CGACAGTTCCGTCGTCTTGAGGA TCCTCAAGACGACGGACTGACC 1657 ACGGAGACGCAGCGGTCGAA TCCTCCAGACGACGGACACTGCTC 1658 CATGCATCCGATTAAAGGGGATCAC GTGATCCCCTTAATCGGATGCATG 1659 ATTGCGGGAGTCCAACACTCCC GGGACGTTCGACCGTCCCGT 1660 GTGTGGAAGATCCAATTGGAACCG CCGTTCCAATTGCATCTCCCACC 1661 ATACAACGGTAGGTGACAAGGGCC CCCCCTTAATCGGATGCATG 1662 GCCCTGGGAGTAAGGGACGCC CCCCCTTAATCGGATCCACC 1663 GCACGTAGGTAAACAGCC CCGACGTTCCACCCACCC 1664 ACTGTGAACAATCCCC GGGACGTTCACCCTACCCGTTTAT 1665 CACCGTGGGAGTAAGGGTACAAAGG CCTTTCACCTACCCACCCCCCCAAT 1666 GCACCTTGATCTCTTTCGC CCAGATAGCCCCCACCTGCTGC 1666 CACCGTGGATAAGAGGC CCCCTTTTACCCTTACCCTACCGTTGAT 1667 CTTTCGATACCATCCCC GGGATGGACACACCTACCGTGC 1668 CACCGTGGCTCCACAGCTGTGCTC GAGCACAGCTGTGGAGCCAACGGTGC 1669 CATGCCTGAACAATCTCGC CCGAGTAGTAGCCGACCTACCGTGC 1660 CATGCCTGAACAATCTCGCATCCC GGGATGCAACAGATCACAGT 1661 CTTTCGATACCATCAAAACCGTGCTC GAGCACAGCTGTGGAGCCAACGATGGTACAAGG 1662 CCCGGAGGTGAGCCATTGAATATC 1663 CACGCCGCTTTAAAAGCGCAACATCCCCGCACTTTTACCCTTACCCTACCCCACGTGCT 1664 ACTGTCATACCATCAAAACCGTC GACCACCACCTGTGGAGCCAACGATTGTACCATACAAGAGATCACAGT 1665 CATGCCTGACAACACCACCACCACCACTAGTAAAACCTCC GACCACCCCTTTTACCCTACCC	1644	CGGTCCCAATGTTACAACCCAGAC	GTCTGGGTTGTAACATTGGGACCG
1647 CGACCGACTITICCTITCGAGTG CACTCGAAAGCAAAAGTCGGGTCG 1648 AATTCAGTGTTTGCGTCATGGTCG CGACCATGACGCAAACACTGAATT 1649 CCTGTATGAGGTTCTGGGTCGGCT AGCCGACCAGAACCTCATACAGG 1650 TGGCATACTTGGTGCAAACGCGGT ACGCGATTTCCACAAGTATGCCA 1651 TCGCCAGTACAGAAACATCCGGGC GCCCGCATGTTTCTGTACTGGCGA 1652 CCCGCTGTTGCTCTCATCGTGGAG CTCACAGAAGACACGGGG 1653 GCCACAATCTGACCCTGGGAATCA TGATTCCCAGGATTGACGGGA 1654 GCTCAGTCTCGGAAGTTTCGGCTA TAGCCGAGAACACACGGGG 1655 CTTCACGGGCCAACGACGGTCGAG CTCGACCGATGGAGACACACGGGG 1656 CAGCAATCTGACCCTGGGAATCA TAGCCGAAACTTCCGAGACTGAGC 1657 ACGGAGACGCAGCGTCGAA CCCCGACTGTTTCGCCCGTGAAG 1658 CAACAGTTCCGTCCTTCTTAAGGA TCCCCACAGACGGACCGAACTGTCCGT 1659 ATTGCGGGAACTCCAAACCTCCC GGGACTTCACCTTCCGT 1650 ATTGCGGGAGTCCCTAGCTTTCTC CAGAAACCTACCCGTTCCGT 1660 GTGTGGAAGATCACATTGGAACCG 1661 ATACAACGGTAGGTGAACACGC 1661 ATACAACGGTAGGTGAACAGGGCG 1662 GCCCTGTGCACCTACCCACCCCCCAAT 1663 GCACCTAGGTGAACAATCCCC GCCCCTTCACCTACCGTTCTT 1664 GCCCGTGGGAGTAAGGGGCG CCCCCTTCACCTACCGTTCTT 1665 CATGCCTGACAACATCCCC GCAGTACTACCCCCCCAAT 1666 GCACCTTGGCTCCTCGCTCTTCGGCCCAACCACCTACCGTTGAT 1667 CTTTCGATACCATCTCGC CCGAGTAGACACCTACCGTGC 1668 CACCCTGGACAACATCTCGC CCGAGTAGTAGCCGACCTACCGTGC 1669 CATGCCTGAACAATCTCGCATCCC GGGATGCAGAGCCTACCGTGC 1660 CTTTCGATACCATCCC GGGATGCGAACATTCTCACCACGTGCC 1661 CTTTCCATACCATCTCGC CCGAGTAGTAGCCGACCTACCGTGC 1662 CATGCCTGAACAATCTCGCATCCC GGGATGCGAACATTCTCACCACGTGCC 1663 CACCCTGGCACCACCTACTCGC CCGAGTAGTAGCCGACCTACCGTGC 1664 CCCCGAGGTGAACAATCTCGCATCCC GGGATAGCAACAGATCACAGT 1665 CATGCCTGAACAATCTCGCATCCC GGGATAGCAACCACTACGTGC 1666 GAGCCTGCTCAACAGACCTACCG GCCCTTTTGCCCAAGAGATCACAGT 1667 CTTTCCATAACCATCGTGGCA TCCACCTCCGGG 1669 CTCATTCAGCTAAAAGCGCCGAACATGCTAATAGC 1670 GAAATGCCCTAGAGCACACCACACCTACTGTGC 1671 TTTGCCTTCACAACAGACCCGTAA TACCGCCCGCTTTTGCTTGGAATT 1672 AAATCCCAAGACCTACCGGACATTTTTCGC 1674 GGCCAACAGACCAACCGTAA TTACGGCTCAACCGCCGCTTTTGCGTTGGGACCAACCTTTC 1676 GACATCACCGCAAACCTTC GAACGTTTTGCGTTGGGCCAAAACCTTC 1676 GCCAATAAGCGCAAACCTTC GAACGTTTTGCGTTGGGCCAAAACCTTC 1677 GCCAAAAGCACCAACCGTAATGTT AACAACAGGTTTTGCGTTGGCCCGTTGCGCCCGTTGCGCCCGTTGGACCTATGGC	1645	GCAATTCCAGCCACTTTTGACCAA	TTGGTCAAAAGTGGCTGGAATTGC
1648 AATTCAGTGTTTGCGTCATGGTCG 1649 CCTGTATGAGGTTCTGGGTCGGCT 1650 TGGCATACTTGGTGCAAACGCCGT 1651 TCGCCAGTACAGAAACATGCGGGC 1652 CCCGCTGTTGCTCCATCGTGGAG 1653 GCCCACAATCTGGTGCAAACGCCGT 1654 GCCCGCTGTTGCTCTCATCGTGGAG 1655 CTTCACGGCGAATTTCGGCTA 1655 CTTCACGGCAACGACCTTAGCGGC 1656 GCCCGCTGTTGCTCTCATCGTGGAG 1657 ACGGCGTTTGCTCACCTGGGAATCA 1658 GCCACAATCTGACCCTGGGAATCA 1659 CTTCACGGGCCAACGACGGTCGAG 1650 CGACAGTTCCGTCGAGACTTCGGCTA 1651 TAGCCGAAACTTCCGAGACTTCGG 1652 CTTCACGGGCCAACGACGGTCGAG 1653 GCACAATCTGACCCTGGGAATCA 1654 GCTCAGTCTCGGAAGTTTCGGCTA 1655 CTTCACGGGCCAACGACGGTCGAG 1656 CGACAGTTCCGTCCGTCTTGAGGA 1657 ACGGAGACGCAGTCGAAACGTCCC 1658 CATGCATCCGATCTAAAGGGGATCAC 1659 ATTGCGGGAACTCCAACGACTTCC 1659 ATTGCGGGAACTCCAACGCTTCTC 1660 GTGTGGAAGATGCAATTGGAACGG 1661 ATACAACGGTAGGTGACAGGGGC 1662 GCCGTGGGAGTAAAGGGCC 1663 GCACGTAGGTGAAAGGGCC 1664 ACTGTGATCCTTTGGGCAAAAGG 1666 GCACGTAGGTGAAAGGGCC 1666 GCACGTAGGTGAAAGGGCC 1666 GAGCCTTGGCTCTTGGGCAAAGGC 1666 GAGCCTGGCTCCAACGCTTGCCC 1667 CTTTCGACAACACTTTCGGCATCC 1666 GAGCCTGGCTCCAAAGGCC 1667 CTTTCGACAACACTTTCGCATCCC 1668 CCCGTGGCAACAACATCTCGCATCCC 1667 CTTTCGATACCATCTTGGCGATC 1668 CCCGGAGGTGAACAATCTCGCATCCC 1667 CTTTCGATACCATCTTGGCGATC 1667 CTTTCGATACCATCGTTGCTC 1667 CTTTCGATACCATCGTTGCTC 1667 CTTTCGATACAACGGCCTGGAT 1668 CCCGGAGGTGAGGCATTTGAATATG 1670 GAAATGCCCTGAGGGCTTTTTTGCC 1671 TTTGCCTTCACAACACGACGCGTGA 1672 AAATCCCAACAGACGCCTGGA 1672 AAATCCCAACAGACGCCTGGA 1673 CAACGGGGGGGAGCATTTTTTGCC 1674 GGCCAACGATGTGTGCCAACGATGTTTCGATCTC 1675 GACATCCCCAACACTTGCGATCT 1676 GACATCCCCAACACTTGCGCATCT 1677 GCCAACAACTTTCCGCACCT 1678 GACATCACCGCAAAACCTTC 1677 GCCAACAACTTTCCGCACCT 1678 GACATCACCGCAAAACCTTC 1678 GACATCACGCAAAACCTTC 1679 CGGGACAAAGCCTTCCGAGCCCTACGTTTC 1679 CGGGACAAAGCCTTCCGAGCCCTACGTTCCCCCCGGGCAGACCTTTCCTCCCCGGCCTTTCCCCCCCC	1646	ACGGGCGAAAGCTCGGTACGGATA	TATCCGTACCGAGCTTTCGCCCGT
1649 CCTGTATGAGGTTCTGGGTCGGCT 1650 TGGCATACTTGGTGCAAACGCCGT ACGGCGTTTGACCCAAGTATGCCA 1651 TCGCCAGTACAGAAACATGCGGGC GCCCGCATGTTTCTGACTGGCGA 1652 CCCGCTGTTGCTCTCATCGTGGAG CTCCACGATGAGAGCAACAGCGGG 1653 GCCACAATCTGACCCTGGGAATCA TGATTCCCAGGGTCAGATTGTGGC 1654 GCTCAGTCTCGGAAAGTTTCGGCTA TAGCCGAAACTTCCGAGACTTGAGC 1655 CTTCACGGGCCAACGACGGTCGAG CTCGACCGTCGTTGGCCCGTGAAG 1656 CGACAGTTCCGTCCGTCTTGAGGA TCCTCAAGACGGAACTGCCGTGAAG 1657 ACGGAGACGCAGTCGAAACGTCCC GGGACGTTTGACTGGCTGGAGGACTGAGC 1658 CATGCATCCGGTCGAAACGTCCC GGGACGTTTCGACTGCGTTGGCCCGTGAAG 1659 ATTGCGGGAGTCCAAACGTCCC GGGACGTTTCGACTGCGTT 1660 GTGTGGAAGAGTCACATTGGAACGG CCGTTCCAATTGCATTCCACAC 1661 ATACAACGGTAGGTGACAGGGCC CGCCCTTGAACCGACTGAAT 1662 GCCGTGGGAGTGACAAGGG CCGCCCTTGACTACCCACCGCC 1663 GCACGTAGGTGACAAGGGC CCCCCTTCACCTACCTTTCCACAC 1664 ACTGTGATCCTTTGGGCAAAGGC CCCACTTGCTTCCCCACGGC 1665 CATGCCTGAACAATCTCGGACCACCGCCCCAATTGCACCACCTTACTCCCACGGC 1666 CAGCCTGGCTCCACACTACTCCG CCGAATGGTCACCACCACACACACACACACACACACACAC	1647	CGACCCGACTTTTGCTTTCGAGTG	CACTCGAAAGCAAAAGTCGGGTCG
1650 TGGCATACTTGGTGCAAACGCCGT ACGGCGTTTGCACCAAGTATGCCA 1651 TCGCCAGTACAGAAACATGCGGGC GCCCGCATGTTTCTGTACTGGCGA 1652 CCCGCTGTTGCTCTCATCGTGGAG CTCCACGATGAGAGCAACAGCGGG 1653 GCCACAATCTGACCCTGGGAATCA TGATTCCCAGGGTCAGATTGTGGC 1654 GCTCAGTCTCGGAAGTTTCGGCTA TAGCCGAAACTTCCGAGACTGAGC 1655 CTTCACGGGCCAACGACGGTCGAG CTCGACCGTCGTTGGCCCGTGAAG 1656 CGACAGTTCCGTCCTTGAGGA TCCTCAAGACGGACGGAACTGCG 1657 ACGGAGACGACGACGACCGCC GGGACGTTCGACTGCCTGTGAG 1658 CATGCATCCGTCTTGAGGA TCCTCAAGACGGACGGAACTGCG 1659 ATTGCGGGAGTCCAAACGTCCC GGGACGTTTCGACTGCTCTCGT 1650 GTGTGGAAACGTCCC CTGAACGTTCCCTTAATCGGATGCATG 1650 GTGTGGAAGATCCCTAGCTTTCTG CAGAAAGCTAGGGACTCCCGCAAT 1660 GTGTGGAAGATGCAATTGGAACGG CCGTTCCAATTGCATCTCCACAC 1661 ATACAACGGTAGGTGACAGGGCG CGCCCCTGTACACTTCCACAC 1662 GCCGTGGGAGTAAGGGTACAAAGG CCTTTGACCCACCGTTGTAT 1662 GCCGTGGGAGTAAGGGTACAAAGG CCTTTGACCCACCGGC 1663 GCACGTAGGTCGCAAAGGGC CCCAGTTGACCTACCGTTGAT 1664 ACTGTGATCTCTTTGGGCAAAGGG CCCCTTTGCCCAAGAGAACCAGT 1665 CATGCCTGAACAATCTCGCACCCC GGGATGCAAGAGATCACAGT 1666 CAGCCTGGCTCCACAGCTGTGCTC GAGCACACCTTTGGGACCAGCGTC 1667 CTTTCGAAACAATCTCGCATCCC GGGATGCGAAGATTCACAGT 1668 CCCGGAGGTGAGGGCATTGAATATG CATATTCAATGCCTCACCTCCGGG 1669 CTCATTCAGCTAAAAGCGGCTGGAT 1670 GAAATGCCCTGGGGACTTTTTGCC GGCAAAAAGTCCCCAGGGCTTC 1671 TTTGCCTTCACAACAGCGCTGGA 1672 AAATCCCCAGCTGGGGCCTTAAACCGTAA TCCAGCCGCTTTTAGCTCAACAGCTTTGGAAGCAAACTTCCCACGGGGACTTTTTGCC 1671 TTTGCCTTCACAACAGACGCAGCA TGCTGCCCCACGCTCTTTGGAAGCAAAATCCCCAGGGGACTTTTTGCC GGCAAAAAAGTCCCCAGGGATTTTC 1671 TTTGCCTTCACAACAGACGCAGCA TGCTGCCCCGACGTCTTTGGAAGGAATTCTCACACCAGCTGTGGAACCATCTTTAGCTGAAACCGTAAATTAACCATCAAAACGCGCCTAAAACCGCAACAATTCCAAACCGCAAAATCCCAAGACGTCGGAACCTTC GAAGGTTTCGCCCAAGACGTTTGGCCCTTTTAGCTGAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAAACCGTAAACCGTAAAACCGAAAACTCCAGGCAAACCTACGGAAACCTATGAGC 1678 GAAACAGACAGA	1648	AATTCAGTGTTTGCGTCATGGTCG	CGACCATGACGCAAACACTGAATT
1651 TCGCCAGTACAGAAACATGCGGGC GCCCGCATGTTTCTGTACTGGCGA 1652 CCCGCTGTTGCTCTCATCGTGAG CTCCACGATGAGAGCAACAGCGGG 1653 GCCACAATCTGACCCTGGGAATCA TGATTCCCAGGGTCAGATTGTGGC 1654 GCTCAGTCTCGGAAGTTTCGGCTA TAGCCGAAACTTCCGAGACTGAGC 1655 CTTCACGGGCCAACGACGGTCGAG CTCGACCGTCGTTGGCCCGTGAAG 1656 CGACAGTTCCGTCCGTCTTGAGGA TCCTCAAGACGGACGGAACTGCG 1657 ACGGAGACGCAGTCGAAACGTCCC GGGACGTTTCGACTGCTCCGT 1658 CATGCATCCGATTAAGGGGATCAC GTGATCCCTTAATCGATGCATG 1659 ATTGCGGGAAGTCCATACGTTTCTG CAGAAAGCTAGGGACCTCCGCAAT 1660 GTGTGGAAGATGCAATTGGAACGG CCGTTCCAATTGCATCTCCACAC 1661 ATACAACGGTAGGTGACAAGGG CGGCCCCTGTCACCTACCAC 1662 GCCGTGGGAGTAAGGGTACAAAGG CCTTTTGTACCCCTACCTTTACTCCACAC 1663 GCACGTAGGTCGCAAAGGGC CGCCCCTGTCACCTACCGTTGTAT 1664 ACTGTGATCTCTTGGGCAAAGGG CCCCTTTGCCCACAGGC 1665 CATGCCTGAACAATCTCGCATCCC GGGATGAGAGATCACAGT 1666 GAGCCTGGCTCCACAGCTGTGCTC GAGCACAGCTGTGGAGCCAGGTC 1667 CTTTCGATACCATCCC GGGATGACAAGGC CCCTTTTCCACCCGGC 1668 CCCGGAGGTGAGGGACTACCACGC GCCCCTTTTCCCCACGGC 1667 CTTTCGATACCATCTTGGCATCC GAGCACAGCTTGGAGCCAGGCTC 1668 CCCGGAGGTGAGGGCATTGAATATG CATATTCAATGCCTCACCTCCGGG 1669 CTCATTCAGCTAAAAGCGGCTGGA TCCACCCCCTCCGGG 1669 CTCATTCAGCTAAAAGCGGCTGGA TCCACCCCCTTTTACTCCACCTCCGGG 1670 GAAATGCCCTGAGAGATTTTTCCC GCCCAAAAAGTCCCCAGGCATTTC 1671 TTTCCCTTCACAACAGACGCACAA TCCACCCCGGCCTTTTTACCTCCACGGCATTTC 1671 CAACGGGCGTAGCTAAAACCGTAA TTACCGCCCGACGTTTTGAATGAT 1672 AAATCCCAAGACGTCGGGGCGTAT ATACGCCCCGACGTTTTGGAATGAT 1673 CAACGGCGCGTAGCTAAACCGTAA TTACGCCCCGACGTTTTGGACCAAA 1674 GCCCAACGACAATCCGAAACCTTC GAAGGTTTTCGCCTTTGGCCATTTC 1675 GACATCACGCAAAACCTTCC GAAGGTTTTGGACGCAAA 1676 GCCAACAAACCCTACGTTTTTCCC GAAGGTTTTGGACGCCAATGCCCACGCCAAAACCCTTCGGGAACCTTTTGGCCCAAAACCCTTCGGAACCCTTTTGGCCCAACGACAAACCCTTCGGAACCCTTTTGGCCCAACACGTTATGACCCCAACACGACAAACCTTCCGCCCCGACGTTTTGGCCCTTTGGCCCTTTGGCCCTTTTGGCCCTTTGGGACAACCTTCCGCCCCGACGACAAACCCTTCCGCCCCGTTG 1676 ACGTTCCGTCCACAACCCTAGA TCCAGGGCCAAAAACCCTTCCGCCCGACGTTTTGGCCCTTTCGGACCCGTTCTCGCGCCCCTTGAACCCTTCCGCGCCCTTGAACCCTTCCGCGCCCAAAACCCTTCCGCCCCGTTCCACAACCGTAACCCTTACACCGCCAACGCTACGCCCGTTCCACAACCGTAACCTTCCCGCCCCTTGAACCTTTCCGCGCCCA	1649	CCTGTATGAGGTTCTGGGTCGGCT	AGCCGACCCAGAACCTCATACAGG
1652 CCCGCTGTTGCTCTCATCGTGAG CTCCACGATGAGAGCAACAGCGGG 1653 GCCACAATCTGACCCTGGGAATCA TGATTCCCAGGGTCAGATTGTGC 1654 GCTCAGTCTCGGAAGTTTCGGCTA TAGCCGAAACTTCCGAGACTGAGC 1655 CTTCACGGGCCAACGACGGTCGAG CTCGACCGTCGTTGGCCCGTGAAG 1656 CGACAGTTCCGTCCGTCTTGAGGA TCCTCAAGACGGACGGAACTGTCG 1657 ACGGAGACGCAGTCGAAACGTCCC GGGACGTTTCGACTGCTCCGT 1658 CATGCATCCGATTAAGGGGATCAC GTGATCCCCTTAATCGGATGCATG 1659 ATTGCGGGAGTCCCAACGTTTCTG CAGAAAGCTAAGGGACCCCCCAAT 1660 GTGGGAAGTCCCTAGCTTTCTG CAGAAAGCTAGGGACCTCCCGCAAT 1661 ATACAACGGTAGGTGACACGG CCGCTCCTACACCACC 1662 GCCCTGTGAAGATGCAACAGGGCC CGCCCCTTCACTACCGTTGTAT 1662 GCCGTGGGAGTAAGGGTACAAAGG CCTTTTGTACCCTACCGTTGTAT 1664 ACTGTGATCTCTTGGGCAAAGGG CCCCTTTGCTCCACAGC 1665 CATGCCTGAACATCTCGCATCCC GGGATGATAGCCGACCTACGTGC 1666 GAGCCTGGCTCCACAGCTGTGCTC GAGCACAGCTGTGAAGGATCACAGT 1666 CAGCCTGGACACAATCTCGCATCCC GGGATGAGAGACCAGGCTC 1667 CTTTCGATACCATCGTTGGCCATCC GAGCACAGCTGTGAAAGG 1668 CCCGGAGGTAGAGGATCAATATG CATATTCAATGCCTCACCTCCGGG 1669 CTCATTCAGCTAAAAGCGGCTGCACACACGATGGTACCACCTCCGGG 1669 CTCATTCAGCTAAAAGCGGCTGGA TCCAGCCGCTTTTAGCTCACCCGGG 1669 CTCATTCAGCTAAAAGCGGCTGGA TCCAGCCGCTTTTAGCTCACCCTCCGGG 1669 CTCATTCAGCTAAAAGCGGCTGGA TCCAGCCGCTTTTAGCTGAATGAG 1670 GAAATGCCCTGGGGACTTTTTGCC GGCCAAAAAGTCCCCAGGGCATTC 1671 TTTGCCTTCACAACAGACGAAGA TCCAGCCGCTTTTAGCTGAAAGGCAAA 1672 AAATCCCAAGACGTCGGGGGCGTAT ATACGCCCCGACGTTTTGGAATGAAAGCGCAAA 1673 CAACGGGCGTAGCTAAACCGTAA TTACGCCCCGACGTTTTGGAATGACCAACGATGGAAACCTTC GAAGGTTTAGCTTAGC	1650	TGGCATACTTGGTGCAAACGCCGT	ACGGCGTTTGCACCAAGTATGCCA
1653 GCCACAATCTGACCCTGGAATCA 1654 GCTCAGTCTCGGAAGTTTCGGCTA 1655 CTTCACGGGCCAACGACGGTCGAG 1655 CTTCACGGGCCAACGACGGTCGAG 1656 CGACAGTTCCGTCGTCTTGAGGA 1657 ACGGAGACGCAGTCGAACCGTCCC 1657 ACGGAGACGCAGTCGAAACGTCCC 1658 CATGCATCCGATTAAGGGGATCAC 1659 ATTGCGGGAGGTCCTAGCTTTCTG 1659 ATTGCGGGAAGTCCCTAGCTTTCTG 1660 GTGTGGAAGATGCAACGTCCC 1661 ATACAACGGTAGGAACGGGCGCAATTGAACGGGCGAACTGTCACCACC 1661 ATACAACGGTAGGTGAACAGGGCGCCCTTAATCGATCTCCACC 1662 GCCGTGGGAGTAAGGGGCGC 1663 GCACGTAGGTAAGGGTACAAAGGCCCCTTACTCCACCC 1664 ACTGTGATCTCTTGGCAAACGGCCCCCTTACTCCCACGGC 1665 CATGCCTGAACAATCTCGCATCCC 1666 GAGCCTGGCTCACCACACCTTTCCCCACGACT 1667 CTTTCGATACCATCTCGCACCACCTTTCCACACCTCCCCAGACAACACCTCCCCCACACCACCTTTCCCACACCTCCCCCC	1651	TCGCCAGTACAGAAACATGCGGGC	GCCCGCATGTTTCTGTACTGGCGA
1654 GCTCAGTCTCGGAAGTTTCGGCTA 1655 CTTCACGGGCCAACGACGGTCGAG 1656 CGACAGTTCCGTCGTCTTGAGGA 1656 CGACAGTTCCGTCCGTCTTGAGGA 1657 ACGGAGACGCAGTCCCC GGGACGTTTCGACTGCGTCCGT 1658 CATGCATCCGATTAAGGGGATCAC 1659 ATTGCGGGAGTCCCTAGCTTTCTG 1650 GTGTGGAAGATCACTTCCG 1660 GTGTGGAAGATCACTTCCG 1661 ATACAACGGTAGGAACAGTCCC 1662 GCCCTGGGAGATCACCTTTCTG 1663 GCACGTAGGTAAGGGGATCACCTTTCTG 1664 ACTGTGATCCCTACTTTCTG 1665 CATGCCTCAATTGGACGG 1666 GACCTTGGACAGTGCACCTACCTTTCTG 1666 GACCTGGAGAAACGTCCCGCAAT 1667 CTTTCGACACTACCTGGCTTTCTG 1668 CCCCCTGGAGAAGGACCTACTACTCGG 1669 CCCCTTGACCAACAATCTCGCACCACCTACGTGCT 1660 GAGCCTGGCACAACAATCTCGCACCCTACGAGAAACAACACACCTCCCAGAAAACACACAC	1652	CCCGCTGTTGCTCTCATCGTGGAG	CTCCACGATGAGAGCAACAGCGGG
1655 CTTCACGGGCCAACGACGGTCGAG CTCGACCGTCGTTGGCCCGTGAAG 1656 CGACAGTTCCGTCCTTGAGGA TCCTCAAGACGACGGACGAACTGTCG 1657 ACGGAGACGCAGTCGAAACGTCCC GGGACGTTTCGACTGCGTCTCCGT 1658 CATGCATCCGATTAAGGGGATCAC GTGATCCCCTTAATCGGATGCATG 1659 ATTGCGGGAGTCCCTAGCTTTCTG CAGAAAGCTAGGGACTCCCGCAAT 1660 GTGTGGAAGATGCAATTGGAACGG CCGTTCCAATTGCATCTTCCACAC 1661 ATACAACGGTAGGTGACAGGGGCG CGCCCCTGTCACCTACCGTTGTAT 1662 GCCGTGGGAGTAAGGGTACAAAGG CCTTTGTACCCTTACTCCACAC 1663 GCACGTAGGTCGACAAGGG CCCCTTGTACCCTACCGTGC 1664 ACTGTGATCTCTTGGGCAAAGGG CCCTTTGTACCCTACCGTGC 1665 CATGCCTGAACAATCTCGCATCCC GGGATGGAGAGTCACAGT 1666 GAGCCTGGCTCCACAGCTGTGCTC GAGCACAGCAGTGTTCAGCATG 1667 CTTTCGATACCATCGTTGGCGATC GATCGCCAACGATGGTACCAAGGCTC 1668 CCCGGAGGTGAGGCATTGAATATG CATATTCAATGCCTCACCTCCGGG 1669 CTCATTCAGCTAAAAGCGGCTGGA TCCAGCCGCTTTTAGCTGAATGAG 1670 GAAATGCCCTGGGGACTTTTTGCC GGCAAAAAGTCCCCAGGCATTC 1671 TTTGCCTTCACAACAGACGCAGCA TGCTGCGTCTGGAATGAG 1672 AAATCCCAAGACGTCGGGGCGTAT ATACGCCCCAGGCCATTTC 1673 CAACGGGCGGTAGCTAAACCGTAA TTACGGTTTAGCTGAAGGCCAAG 1674 GGCCAACGAATGCGAAACCTTC GAAGGTTTTGCCTTGGCCTTGGGATTT 1675 GACATCACGCAAAATCTCAGCGCA TGCTGCGATTTTTGCCTGACTTGGCCC 1676 ACGTTCCGTCACAACCGTAGTTT AACATCGCTCACTTCGGGATTT 1677 GCTCATAGGTCTACCACCGTAGTTTT 1678 GAAACGAGACCTTCCGGGCCCTTAGA 1679 CGGGACAGAAGCAAGCTTCCGCCCCTTTCCTTCCCCG	1653	GCCACAATCTGACCCTGGGAATCA	TGATTCCCAGGGTCAGATTGTGGC
1656 CGACAGTTCCGTCCGTCTTGAGGA TCCTCAGACCGACGGACGGACTGTCG 1657 ACGGAGACGCAGTCGAAACGTCCC GGGACGTTTCGACTGCGTCTCCGT 1658 CATGCATCCGATTAAGGGGATCAC GTGATCCCCTTAATCGGATGCATG 1659 ATTGCGGGAGTCCCTAGCTTTCTG CAGAAAGCTAGGGACTCCCGCAAT 1660 GTGTGGAAGATGCAATTGGAACGG CCGTTCCAATTGCATCTTCCACAC 1661 ATACAACGGTAGGTGACAGGGGCG CGCCCCTGTCACCTACCGTTGTAT 1662 GCCGTGGGAGTAAGGGTACAAAGG CCTTTGTACCCTACCGTTGTAT 1663 GCACGTAGGTCGGCTACTACTCGG CCGAGTAGTAGCCGACCTACGTGC 1664 ACTGTGATCTCTTGGGCAAAGGGC GCCCTTTGCCCAAGAGATCACAGT 1665 CATGCCTGAACAATCTCGCATCCC GGGATAGTAGCCGACCTACGTGC 1666 GAGCCTGGCTCCACAGCTGTGCTC GAGCACAGCTGTGGAGCCAGGCTC 1667 CTTTCGATACCATCGTTGGCGATC GATCGCCAACGATGGTATCGAAAG 1668 CCCGGAGGTGAGGCATTGAATATG CATATTCAATGCCTCACCTCCGGG 1669 CTCATTCAGCTAAAAGCGGCTGGA TCCAGCCGCTTTTAGCTGAATGAG 1670 GAAATGCCCTGGGGACTTTTTGCC GGCAAAAAGTCCCCAGGGCATTC 1671 TTTGCCTTCACAACAGACGCAGCA TGCTGCGTCTGTGAAGGCAAA 1672 AAATCCCAAGACGTCGGGGCGTAT ATACGCCCCGACGTCTTGGGATTT 1673 CAACGGGCGGTAGCTAAACCGTAA TTACGCTCACCTCCGGCCTTTG 1674 GGCCAACGACAATCCGAAACCGTAA TTACGCCCCGACGTCTTGGGCC 1675 GACATCACGCAAAATCTCAGCGCA TGCTGCAGTTTTTGCCC 1676 ACGTTCCGTCCACAACCGTAGTT AACATCCGATTTTTGCGTGATGTC 1677 GCTCATAGGTCTTCCGTAGCCCGT ACGGCCTGTGTGGACGGAACCTT 1678 GAAACGAGTCTCCGCGCCCTAGA TCTAGGGCTACGGAAGACCTATGAGC 1679 CGGGACAGAAGCAAGTTACATCGG CCGATGTTAACTTGCTTCTGTCCCG	1654	GCTCAGTCTCGGAAGTTTCGGCTA	TAGCCGAAACTTCCGAGACTGAGC
1657 ACGGAGACGCAGTCGAAACGTCCC GGGACGTTTCGACTGCGTTCCGT 1658 CATGCATCCGATTAAGGGGATCAC GTGATCCCCTTAATCGGATGCATG 1659 ATTGCGGGAGTCCCTAGCTTTCTG CAGAAAGCTAGGGACTCCCGCAAT 1660 GTGTGGAAGATGCAATTGGAACGG CCGTTCCAATTGCATCTTCCACAC 1661 ATACAACGGTAGGTGACAGGGGCG CGCCCCTGTCACCTACCGTTGTAT 1662 GCCGTGGGAGTAAGGGTACAAAGG CCTTTGTACCCTTACTCCCACGGC 1663 GCACGTAGGTCGGCTACTACTCGG CCGAGTAGTAGCCGACCTACGTGC 1664 ACTGTGATCTCTTGGGCAAAGGGC CCGAGTAGTAGCCGACCTACGTGC 1665 CATGCCTGAACAATCTCGCATCCC GGGATGCGAGATTTCAGGCATG 1666 GAGCCTGGCTCCACAGCTGTGCTC GAGCACAGCTGTGGAGCCAGGCTC 1667 CTTTCGATACCATCGTTGGCGATC GATCGCCAACGATGGTATCGAAAG 1668 CCCGGAGGTGAGGCATTGAATATG CATATTCAATGCCTCACCTCCGGG 1669 CTCATTCACTAAAAGCGGCTGA TCCAGCCGCTTTTAGCTGAATGAG 1670 GAAATGCCCTGAGGACTTTTTCCC GGCAAAAAGTCCCCAGGGCATTTC 1671 TTTGCCTTCACAACAGACGCAGCA TGCTGCGCTCTTTTGGAATGAG 1672 AAATCCCAAGACGTCGGGGCGTAT ATACGCCCCAGGGCATTT 1673 CAACGGGCGGTAGCTAAACCGTAA 1674 GGCCAACGACATGCGAAACCTTC GAAGGTTTCGCCTTTTTTTTTT	1655	CTTCACGGGCCAACGACGGTCGAG	CTCGACCGTCGTTGGCCCGTGAAG
1658 CATGCATCCGATTAAGGGGATCAC GTGATCCCTTAATCGGATGCATG 1659 ATTGCGGGAGTCCCTAGCTTTCTG CAGAAAGCTAGGGACTCCCGCAAT 1660 GTGTGGAAGATGCAATTGGAACGG CCGTTCCAATTGCATCTTCCACAC 1661 ATACAACGGTAGGTGACAGGGGCG CGCCCTGTCACCTACCGTTGTAT 1662 GCCGTGGGAGTAAGGGTACAAAGG CCTTTGTACCCTACCGTGCT 1663 GCACGTAGGTCGGCTACTACTCGG CCGAGTAGTAGCCGACCTACGTGC 1664 ACTGTGATCTCTTGGGCAAAGGGC GCCCTTTGCCCAAGAGATCACAGT 1665 CATGCCTGAACAATCTCGCATCCC GGGATGCGAGATTGTTCAGGCATG 1666 GAGCCTGGCTCCACAGCTGTGCTC GAGCACAGCTGTGTCAGCAGGC 1667 CTTTCGATACCATCGTTGGCGATC GATCGCCAACGATGTATCGAAAG 1668 CCCGGAGGTGAGGCATTGAATATG CATATTCAATGCCTCACCTCCGGG 1669 CTCATTCAGCTAAAAGCGGCTGGA TCCAGCCGCTTTTAGCTGAATGAG 1670 GAAATGCCCTGGGGACTTTTTCCC GGCAAAAAGTCCCCAGGGCATTC 1671 TTTGCCTTCACAACAGACGCAGCA TGCTGCGTCTTTTTTTTTT	1656	CGACAGTTCCGTCCGTCTTGAGGA	TCCTCAAGACGGACGGAACTGTCG
1659 ATTGCGGGAGTCCCTAGCTTTCTG CAGAAAGCTAGGGACTCCCGCAAT 1660 GTGTGGAAGATGCAATTGGAACGG CCGTTCCAATTGCATCTTCCACAC 1661 ATACAACGGTAGGTGACAGGGCG CGCCCCTGTCACCTACCGTTGTAT 1662 GCCGTGGGAGTAAGGGTACAAAGG CCTTTGTACCCCTACCGTCGACTACGTGC 1663 GCACGTAGGTCGGCTACTACTCGG CCGAGTAGTAGCCGACCTACGTGC 1664 ACTGTGATCTCTTGGGCAAAGGGC GCCCTTTGCCCAAGAGATCACAGT 1665 CATGCCTGAACAATCTCGCATCCC GGGATGCGAGATTGTTCAGGCATG 1666 GAGCCTGGCTCCACAGCTGTGCTC GAGCACAGCTGTGGAGCCAGGCTC 1667 CTTTCGATACCATCGTTGGCGATC GATCGCCAACGATGGTATCGAAAG 1668 CCCGGAGGTGAGGCATTGAATATG CATATTCAATGCCTCACCTCCGGG 1669 CTCATTCAGCTAAAAGCGGCTGGA TCCAGCCGCTTTTAGCTGAATGAG 1670 GAAATGCCCTGGGGACTTTTTGCC GGCAAAAAGTCCCCAGGGCATTTC 1671 TTTGCCTTCACAACAGACGCAGCA TGCTGCGTCTTTTGAAGGCAAA 1672 AAATCCCAAGACGTCGGGGCGTAT ATACGCCCCGACGTCTTGGAATTT 1673 CAACGGGCGGTAGCTAAAACCGTAA TTACGGTTTAGCTGAAGGCAAA 1674 GGCCAACGACAATGCGAAACCTTC GAAGGTTTCGCATTGTCGTTGGCC 1675 GACATCACGCAAAATCTCAGCGCA TGCGCGAGATTTTCGGTGATGTC 1676 ACGTTCCGTCCACAACCGTAATTT AACATACGCTTACGCCCCGTTG 1677 GCTCATAGGTCTTCCGTAGCCCT ACCGGGCAGAACCTTCCGTAGAGCCAAAACCTTCCGTAGAGCCAAAACCTTCCGCCCGTTGTTGTGAACGCAACGTTTTCCGTTAGCCCACAACCGTAGTTTTCCGTCACACAACCGTAATTTCCGTTGGCCCACACCGTATGTCCGTCC	1657	ACGGAGACGCAGTCGAAACGTCCC	GGGACGTTTCGACTGCGTCTCCGT
1660 GTGTGGAAGATGCAATTGGAACGG CCGTTCCAATTGCATCTTCCACAC 1661 ATACAACGGTAGGTGACAGGGGCG CGCCCTGTCACCTACCGTTGTAT 1662 GCCGTGGGAGTAAGGGTACAAAGG CCTTTGTACCCTACCGTCGCC 1663 GCACGTAGGTCGGCTACTACTCGG CCGAGTAGTAGCCGACCTACGTGC 1664 ACTGTGATCTCTTGGGCAAAGGGC GCCCTTTGCCCAAGAGATCACAGT 1665 CATGCCTGAACAATCTCGCATCCC GGGATGCGAGATTGTTCAGGCATG 1666 GAGCCTGGCTCCACAGCTGTGCTC GAGCACAGCTGTGGAGCCAGGCTC 1667 CTTTCGATACCATCGTTGGCGATC GATCGCCAACGATGGTATCGAAAG 1668 CCCGGAGGTGAGGCATTGAATATG CATATTCAATGCCTCACCTCCGGG 1669 CTCATTCAGCTAAAAGCGGCTGGA TCCAGCCGCTTTTAGCTGAATGAG 1670 GAAATGCCCTGGGGACTTTTTGCC GGCAAAAAGTCCCCAGGGCATTTC 1671 TTTGCCTTCACAACAGACGCAGCA TGCTGCGTCTTTTTGAAGGCAAA 1672 AAATCCCAAGACGTCGGGGCGTAT ATACGCCCCGACGTCTTGGGATTT 1673 CAACGGGCGGTAGCTAAACCGTAA TTACGGTTTAGCTGAATGCC 1674 GGCCAACGACAATGCGAAACCTTC GAAGGTTTCGCATTGTCGTTGGCC 1675 GACATCACGCAAAAATCTCAGCGCA TGCGCTGAGATTTTGCTTGGCC 1676 ACGTTCCGTCCACAACCGTATGTT AACATACGGTTTGTGAACGT 1677 GCTCATAGGTCTTCCGTAGCCCGT ACGGCCCAGAACCTATGAGC 1678 GAAACGAAGCTCTCCGCGCCCTAGA TCTAGGGCGAAGACCTATGAGC 1678 GAAACGAAGCAAAGCTACCGTAA TCTAGGGCGCAAGAACCTATGAGC 1678 GAAACGAAGCAAAGCAACCTTC CAGGGCTACGGAAGACCTATGAGC 1679 CGGGACAGAAGCAAAGTTACATCGG CCGATGTAACCTTGTCGTTCCCCG	1658	CATGCATCCGATTAAGGGGATCAC	GTGATCCCCTTAATCGGATGCATG
1661 ATACAACGGTAGGTGACAGGGGCG CGCCCTGTCACCTACCGTTGTAT 1662 GCCGTGGGAGTAAGGGTACAAAGG CCTTTGTACCCTTACTCCCACGGC 1663 GCACGTAGGTCGGCTACTACTCGG CCGAGTAGTAGCCGACCTACGTGC 1664 ACTGTGATCTCTTGGGCAAAGGGC GCCCTTTGCCCAAGAGATCACAGT 1665 CATGCCTGAACAATCTCGCATCCC GGGATGCGAGATTGTTCAGGCATG 1666 GAGCCTGGCTCCACAGCTGTGCTC GAGCACAGCTGTGGAGCCAGGCTC 1667 CTTTCGATACCATCGTTGGCGATC GATCGCCAACGATGGTATCGAAAG 1668 CCCGGAGGTGAGGCATTGAATATG CATATTCAATGCCTCACCTCCGGG 1669 CTCATTCAGCTAAAAGCGGCTGGA TCCAGCCGCTTTTAGCTGAATGAG 1670 GAAATGCCCTGGGGACTTTTTGCC GGCAAAAAGTCCCCAGGGCATTTC 1671 TTTGCCTTCACAACAGACGCAGCA TGCTGCGTCTGTTGTGAAGGCAAA 1672 AAATCCCAAGACGTCGGGGGCGTAT ATACGCCCCGACGTCTTGGGATTT 1673 CAACGGGCGGTAGCTAAACCGTAA TTACGCTCCCGCCCGTTG 1674 GGCCAACGACAATGCGAAACCTTC GAAGGTTTCCCATTGCCTTGGCC 1675 GACATCACGCAAAATCTCAGCGCA TGCGCTGAGATTTTCGTTGGCC 1676 ACGTTCCGTCCACAACCGTATGTT AACATACGGTTTGTGAAGCCATGTC 1677 GCTCATAGGTCTTCCGTAGCCCGT ACGGCCGAGAGACCTATGAGC 1678 GAAACGAGTCTCCGCGCCCTTAGA TCTAGGGCGGAAGACCTATGAGC 1678 GAAACGAGTCTCCGCGCCCTAGA TCTAGGGCGGAAGACCTATTCCCGCCCGTTTCCCGCCCCTAGA TCTAGGGCGCAGAGACCTCGTTTCCCCCGCCCCTAGA TCTAGGGCGCAGAGACCTATGAGC 1678 GAAACGAGTCTCCCGCCCCTAGA TCTAGGGCGCGAAGACCTATTCCCCCCGCCCTTTCCCCCCCC	1659	ATTGCGGGAGTCCCTAGCTTTCTG	CAGAAAGCTAGGGACTCCCGCAAT
1662 GCCGTGGGAGTAAGGGTACAAAGG CCTTTGTACCCTTACTCCCACGGC 1663 GCACGTAGGTCGGCTACTACTCGG CCGAGTAGTAGCCGACCTACGTGC 1664 ACTGTGATCTCTTGGGCAAAGGGC GCCCTTTGCCCAAGAGATCACAGT 1665 CATGCCTGAACAATCTCGCATCCC GGGATGCGAGATTGTTCAGGCATG 1666 GAGCCTGGCTCCACAGCTGTGCTC GAGCACAGCTGTGGAGCCAGGCTC 1667 CTTTCGATACCATCGTTGGCGATC GATCGCCAACGATGGTATCGAAAG 1668 CCCGGAGGTGAGGCATTGAATATG CATATTCAATGCCTCACCTCCGGG 1669 CTCATTCAGCTAAAAGCGGCTGGA TCCAGCCGCTTTTAGCTGAATGAG 1670 GAAATGCCCTGGGGACTTTTTGCC GGCAAAAAGTCCCCAGGGCATTC 1671 TTTGCCTTCACAACAGACGCAGCA TGCTGCGTCTGTTGTGAAGGCAAA 1672 AAATCCCAAGACGTCGGGGCGTAT ATACGCCCCGACGTCTTGGGATTT 1673 CAACGGGCGGTAGCTAAACCGTAA TTACGGTTTAGCTACCGCCCGTTG 1674 GGCCAACGACAATGCGAAACCTTC GAAGGTTTCGCATTGTCGTTGGCC 1675 GACATCACGCAAAATCTCAGCGCA TGCGCTGAGATTTTGCGTGGATGTC 1676 ACGTTCCGTCCACAACCGTATGTT AACATACGGTTGTGGACGGAACGT 1677 GCTCATAGGTCTTCCGTAGCCCGT ACGGGCTACGGAAGACCTATGAGC 1678 GAAACGAGTCTTCCGCGCCCTAGA TCTAGGGCGCAGAGACCTATGAGC 1678 GAAACGAGTCTCTCCGCGCCCTAGA TCTAGGGCGCAGAGACCTCTTTC 1679 CGGGACAGAAGCAAGTTACATCGG CCGATGTAACCTTCCTTCTTCCCCG	1660	GTGTGGAAGATGCAATTGGAACGG	CCGTTCCAATTGCATCTTCCACAC
1663 GCACGTAGGTCGGCTACTACTCGG CCGAGTAGTAGCCGACCTACGTGC 1664 ACTGTGATCTCTTGGGCAAAGGGC GCCCTTTGCCCAAGAGATCACAGT 1665 CATGCCTGAACAATCTCGCATCCC GGGATGCGAGATTGTTCAGGCATG 1666 GAGCCTGGCTCCACAGCTGTGCTC GAGCACAGCTGTGGAGCCAGGCTC 1667 CTTTCGATACCATCGTTGGCGATC GATCGCCAACGATGGTATCGAAAG 1668 CCCGGAGGTGAGGCATTGAATATG CATATTCAATGCCTCACCTCCGGG 1669 CTCATTCAGCTAAAAGCGGCTGGA TCCAGCCGCTTTTAGCTGAATGAG 1670 GAAATGCCCTGGGGACTTTTTGCC GGCAAAAAGTCCCCAGGGCATTTC 1671 TTTGCCTTCACAACAGACGCAGCA TGCTGCGTCTTTGTGAAGGCAAA 1672 AAATCCCAAGACGTCGGGGCGTAT ATACGCCCCGACGTCTTGGGATTT 1673 CAACGGCGGTAGCTAAACCGTAA TTACGGTTTAGCTACCGCCCGTTG 1674 GGCCAACGACAATGCGAAACCTTC GAAGGTTTCGCATTGTCGTTGGCC 1675 GACATCACGCAAAATCTCAGCGCA TGCGCTGAGATTTTTGCCTGGATGTC 1676 ACGTTCCGTCCACAACCGTATGTT AACATACGGTTGTGGACGGAACGT 1677 GCTCATAGGTCTTCCGTAGCCCGT ACGGCCGAGAGACCTATGAGC 1678 GAAACGAAGCAAGCTTCCGCCCCTAGA TCTAGGGCGCGAGAGACCTATGAGC 1679 CGGGACAGAAGCAAGTTACATCGG CCGATGTAACTTGCTTCCCCG	1661	ATACAACGGTAGGTGACAGGGGCG	CGCCCTGTCACCTACCGTTGTAT
1664 ACTGTGATCTCTTGGGCAAAGGGC GCCCTTTGCCCAAGAGATCACAGT 1665 CATGCCTGAACAATCTCGCATCCC GGGATGCGAGATTGTTCAGGCATG 1666 GAGCCTGGCTCCACAGCTGTGCTC GAGCACAGCTGTGGAGCCAGGCTC 1667 CTTTCGATACCATCGTTGGCGATC GATCGCCAACGATGGTATCGAAAG 1668 CCCGGAGGTGAGGCATTGAATATG CATATTCAATGCCTCACCTCCGGG 1669 CTCATTCAGCTAAAAGCGGCTGGA TCCAGCCGCTTTTAGCTGAATGAG 1670 GAAATGCCCTGGGGACTTTTTGCC GGCAAAAAAGTCCCCAGGGCATTTC 1671 TTTGCCTTCACAACAGACGCAGCA TGCTGCGTCTGTTGTGAAGGCAAA 1672 AAATCCCAAGACGTCGGGGCGTAT ATACGCCCCGACGTCTTGGGATTT 1673 CAACGGGCGGTAGCTAAACCGTAA TTACGGTTTAGCTACCGCCCGTTG 1674 GGCCAACGACAATGCGAAACCTTC GAAGGTTTCGCATTGTCGTTGGCC 1675 GACATCACGCAAAATCTCAGCGCA TGCGCTGAGATTTTGCGTGATGTC 1676 ACGTTCCGTCCACAACCGTATGTT AACATACGGTTGTGACGGAACGT 1677 GCTCATAGGTCTTCCGTAGCCCGT ACGGCCCGAGGAGACCTATGAGC 1678 GAAACGAGTCTCTCCGCGCCCTAGA TCTAGGGCGCGAGAGACCTATGAGC 1679 CGGGACAGAAGCAAGTTACATCGG CCGATGTAACTTGCTTCTGTCCCG	1662	GCCGTGGGAGTAAGGGTACAAAGG	CCTTTGTACCCTTACTCCCACGGC
1665 CATGCCTGAACAATCTCGCATCCC GGGATGCGAGATTGTTCAGGCATG 1666 GAGCCTGGCTCCACAGCTGTGCTC GAGCACAGCTGTGGAGCCAGGCTC 1667 CTTTCGATACCATCGTTGGCGATC GATCGCCAACGATGGTATCGAAAG 1668 CCCGGAGGTGAGGCATTGAATATG CATATTCAATGCCTCACCTCCGGG 1669 CTCATTCAGCTAAAAGCGGCTGGA TCCAGCCGCTTTTAGCTGAATGAG 1670 GAAATGCCCTGGGGACTTTTTGCC GGCAAAAAGTCCCCAGGGCATTTC 1671 TTTGCCTTCACAACAGACGCAGCA TGCTGCGTCTGTTGTGAAGGCAAA 1672 AAATCCCAAGACGTCGGGGCGTAT ATACGCCCCGACGTCTTGGGATTT 1673 CAACGGGCGGTAGCTAAACCGTAA TTACGGTTTAGCTACCGCCCGTTG 1674 GGCCAACGACAATGCGAAACCTTC GAAGGTTTCGCATTGTCGTGGCC 1675 GACATCACGCAAAATCTCAGCGCA TGCGCTGAGATTTTGCGTGATGTC 1676 ACGTTCCGTCCACAACCGTATGTT AACATACGGTTGTGGACGGAACGT 1677 GCTCATAGGTCTTCCGTAGCCCGT ACGGGCTACGGAAGACCTATGAGC 1678 GAAACGAGTCTCTCGCGCCCCTAGA TCTAGGGCGCGAAGACCTTCTCCGCGCCCTTGCCCCCGTTCCCCCCCC	1663	GCACGTAGGTCGGCTACTACTCGG	CCGAGTAGTAGCCGACCTACGTGC
1666 GAGCCTGGCTCCACAGCTGTGCTC GAGCACAGCTGTGGAGCCAGGCTC 1667 CTTTCGATACCATCGTTGGCGATC GATCGCCAACGATGGTATCGAAAG 1668 CCCGGAGGTGAGGCATTGAATATG CATATTCAATGCCTCACCTCCGGG 1669 CTCATTCAGCTAAAAGCGGCTGGA TCCAGCCGCTTTTAGCTGAATGAG 1670 GAAATGCCCTGGGGACTTTTTGCC GGCAAAAAGTCCCCAGGGCATTTC 1671 TTTGCCTTCACAACAGACGCAGCA TGCTGCGTCTGTTGTGAAGGCAAA 1672 AAATCCCAAGACGTCGGGGCGTAT ATACGCCCCGACGTCTTGGGATTT 1673 CAACGGGCGGTAGCTAAACCGTAA TTACGGTTTAGCTACCGCCCGTTG 1674 GGCCAACGACAATGCGAAACCTTC GAAGGTTTCGCATTGTCGTTGGCC 1675 GACATCACGCAAAATCTCAGCGCA TGCGCTGAGATTTTGCGTGATGTC 1676 ACGTTCCGTCACAACCGTATGTT AACATACGGTTGTGGACGAACGT 1677 GCTCATAGGTCTTCCGTAGCCCGT ACGGCCTAGGAGACCTATGAGC 1678 GAAACGAGTCTCTCGCGCCCCTAGA TCTAGGGCGCAGAGACCTGTTTC 1679 CGGGACAGAAGCAAGTTACATCGG CCGATGTAACTTGCTTCTCCCG	1664	ACTGTGATCTCTTGGGCAAAGGGC	GCCCTTTGCCCAAGAGATCACAGT
1667 CTTTCGATACCATCGTTGGCGATC GATCGCCAACGATGGTATCGAAAG 1668 CCCGGAGGTGAGGCATTGAATATG CATATTCAATGCCTCACCTCCGGG 1669 CTCATTCAGCTAAAAGCGGCTGGA TCCAGCCGCTTTTAGCTGAATGAG 1670 GAAATGCCCTGGGGACTTTTTGCC GGCAAAAAGTCCCCAGGGCATTTC 1671 TTTGCCTTCACAACAGACGCAGCA TGCTGCGTCTGTTGTGAAGGCAAA 1672 AAATCCCAAGACGTCGGGGCGTAT ATACGCCCCGACGTCTTGGGATTT 1673 CAACGGGCGGTAGCTAAACCGTAA TTACGGTTTAGCTACCGCCCGTTG 1674 GGCCAACGACAATGCGAAACCTTC GAAGGTTTCGCATTGTCGTTGGCC 1675 GACATCACGCAAAATCTCAGCGCA TGCGCTGAGATTTTGCGTGATGTC 1676 ACGTTCCGTCCACAACCGTATGTT AACATACGGTTGTGGACGGAACGT 1677 GCTCATAGGTCTTCCGTAGCCCGT ACGGGCTACGGAAGACCTATGAGC 1678 GAAACGAGTCTCTCGCGCCCCTAGA TCTAGGGCGCGAGAGACTCGTTTC 1679 CGGGACAGAAGCAAGTTACATCGG CCGATGTAACTTGCTTCTCCCG	1665	CATGCCTGAACAATCTCGCATCCC	GGGATGCGAGATTGTTCAGGCATG
1668 CCCGGAGGTGAGGCATTGAATATG CATATTCAATGCCTCACCTCCGGG 1669 CTCATTCAGCTAAAAGCGGCTGGA TCCAGCCGCTTTTAGCTGAATGAG 1670 GAAATGCCCTGGGGACTTTTTGCC GGCAAAAAGTCCCCAGGGCATTTC 1671 TTTGCCTTCACAACAGACGCAGCA TGCTGCGTCTGTTGTGAAGGCAAA 1672 AAATCCCAAGACGTCGGGGCGTAT ATACGCCCCGACGTCTTGGGATTT 1673 CAACGGGCGGTAGCTAAACCGTAA TTACGGTTTAGCTACCGCCCGTTG 1674 GGCCAACGACAATGCGAAACCTTC GAAGGTTTCGCATTGTCGTTGGCC 1675 GACATCACGCAAAATCTCAGCGCA TGCGCTGAGATTTTGCGTGATGTC 1676 ACGTTCCGTCCACAACCGTATGTT AACATACGGTTGTGGACGGAACGT 1677 GCTCATAGGTCTTCCGTAGCCCGT ACGGGCTACGGAAGACCTATGAGC 1678 GAAACGAGTCTCTCGCGCCCCTAGA TCTAGGGCGCGAGAGACCTCGTTTC 1679 CGGGACAGAAGCAAGTTACATCGG CCGATGTAACTTGCTTCTCCCG	1666	GAGCCTGGCTCCACAGCTGTGCTC	GAGCACAGCTGTGGAGCCAGGCTC
1669 CTCATTCAGCTAAAAGCGGCTGGA TCCAGCCGCTTTTAGCTGAATGAG 1670 GAAATGCCCTGGGGACTTTTTGCC GGCAAAAAGTCCCCAGGGCATTTC 1671 TTTGCCTTCACAACAGACGCAGCA TGCTGCGTCTGTTGTGAAGGCAAA 1672 AAATCCCAAGACGTCGGGGCGTAT ATACGCCCCGACGTCTTGGGATTT 1673 CAACGGGCGGTAGCTAAACCGTAA TTACGGTTTAGCTACCGCCCGTTG 1674 GGCCAACGACAATGCGAAACCTTC GAAGGTTTCGCATTGTCGTTGGCC 1675 GACATCACGCAAAATCTCAGCGCA TGCGCTGAGATTTTGCGTGATGTC 1676 ACGTTCCGTCCACAACCGTATGTT AACATACGGTTGTGGACGGAACGT 1677 GCTCATAGGTCTTCCGTAGCCCGT ACGGGCTACGGAAGACCTATGAGC 1678 GAAACGAGTCTCTCGCGCCCTAGA TCTAGGGCGCGAGAGACCTCGTTTC 1679 CGGGACAGAAGCAAGTTACATCGG CCGATGTAACTTGCTTCTGTCCCG	1667	CTTTCGATACCATCGTTGGCGATC	GATCGCCAACGATGGTATCGAAAG
1670 GAAATGCCCTGGGGACTTTTTGCC GGCAAAAAGTCCCCAGGGCATTTC 1671 TTTGCCTTCACAACAGACGCAGCA TGCTGCGTCTGTTGTGAAGGCAAA 1672 AAATCCCAAGACGTCGGGGCGTAT ATACGCCCCGACGTCTTGGGATTT 1673 CAACGGGCGGTAGCTAAACCGTAA TTACGGTTTAGCTACCGCCCGTTG 1674 GGCCAACGACAATGCGAAACCTTC GAAGGTTTCGCATTGTCGTTGGCC 1675 GACATCACGCAAAATCTCAGCGCA TGCGCTGAGATTTTGCGTGATGTC 1676 ACGTTCCGTCCACAACCGTATGTT AACATACGGTTGTGGACGGAACGT 1677 GCTCATAGGTCTTCCGTAGCCCGT ACGGGCTACGGAAGACCTATGAGC 1678 GAAACGAGTCTCTCGCGCCCTAGA TCTAGGGCGCGAGAGACTCGTTTC 1679 CGGGACAGAAGCAAGTTACATCGG CCGATGTAACTTGCTTCTGTCCCG	1668	CCCGGAGGTGAGGCATTGAATATG	CATATTCAATGCCTCACCTCCGGG
1671 TTTGCCTTCACAACAGACGCAGCA TGCTGCGTCTGTTGTGAAGGCAAA 1672 AAATCCCAAGACGTCGGGGCGTAT ATACGCCCCGACGTCTTGGGATTT 1673 CAACGGGCGGTAGCTAAACCGTAA TTACGGTTTAGCTACCGCCCGTTG 1674 GGCCAACGACAATGCGAAACCTTC GAAGGTTTCGCATTGTCGTTGGCC 1675 GACATCACGCAAAATCTCAGCGCA TGCGCTGAGATTTTGCGTGATGTC 1676 ACGTTCCGTCCACAACCGTATGTT AACATACGGTTGTGGACGGAACGT 1677 GCTCATAGGTCTTCCGTAGCCCGT ACGGGCTACGGAAGACCTATGAGC 1678 GAAACGAGTCTCTCGCGCCCTAGA TCTAGGGCGCGAGAGACTCGTTTC 1679 CGGGACAGAAGCAAGTTACATCGG CCGATGTAACTTGCTTCTGTCCCG	1669	CTCATTCAGCTAAAAGCGGCTGGA	TCCAGCCGCTTTTAGCTGAATGAG
1672 AAATCCCAAGACGTCGGGGCGTAT ATACGCCCCGACGTCTTGGGATTT 1673 CAACGGGCGGTAGCTAAACCGTAA TTACGGTTTAGCTACCGCCCGTTG 1674 GGCCAACGACAATGCGAAACCTTC GAAGGTTTCGCATTGTCGTTGGCC 1675 GACATCACGCAAAATCTCAGCGCA TGCGCTGAGATTTTGCGTGATGTC 1676 ACGTTCCGTCCACAACCGTATGTT AACATACGGTTGTGGACGGAACGT 1677 GCTCATAGGTCTTCCGTAGCCCGT ACGGGCTACGGAAGACCTATGAGC 1678 GAAACGAGTCTCTCGCGCCCTAGA TCTAGGGCGCGAGAGACTCGTTTC 1679 CGGGACAGAAGCAAGTTACATCGG CCGATGTAACTTGCTTCTGTCCCG	1670	GAAATGCCCTGGGGACTTTTTGCC	GGCAAAAAGTCCCCAGGGCATTTC
1673 CAACGGCGGTAGCTAAACCGTAA TTACGGTTTAGCTACCGCCCGTTG 1674 GGCCAACGACAATGCGAAACCTTC GAAGGTTTCGCATTGTCGTTGGCC 1675 GACATCACGCAAAATCTCAGCGCA TGCGCTGAGATTTTGCGTGATGTC 1676 ACGTTCCGTCCACAACCGTATGTT AACATACGGTTGTGGACGGAACGT 1677 GCTCATAGGTCTTCCGTAGCCCGT ACGGGCTACGGAAGACCTATGAGC 1678 GAAACGAGTCTCTCGCGCCCTAGA TCTAGGGCGCGAGAGACTCGTTTC 1679 CGGGACAGAAGCAAGTTACATCGG CCGATGTAACTTGCTTCTGTCCCG	1671	TTTGCCTTCACAACAGACGCAGCA	TGCTGCGTCTGTTGTGAAGGCAAA
1674 GGCCAACGACAATGCGAAACCTTC GAAGGTTTCGCATTGTCGTTGGCC 1675 GACATCACGCAAAATCTCAGCGCA TGCGCTGAGATTTTGCGTGATGTC 1676 ACGTTCCGTCCACAACCGTATGTT AACATACGGTTGTGGACGGAACGT 1677 GCTCATAGGTCTTCCGTAGCCCGT ACGGGCTACGGAAGACCTATGAGC 1678 GAAACGAGTCTCTCGCGCCCTAGA TCTAGGGCGCGAGAGACTCGTTTC 1679 CGGGACAGAAGCAAGTTACATCGG CCGATGTAACTTGCTTCTGTCCCG	1672	AAATCCCAAGACGTCGGGGCGTAT	ATACGCCCGACGTCTTGGGATTT
1675 GACATCACGCAAAATCTCAGCGCA TGCGCTGAGATTTTGCGTGATGTC 1676 ACGTTCCGTCCACAACCGTATGTT AACATACGGTTGTGGACGGAACGT 1677 GCTCATAGGTCTTCCGTAGCCCGT ACGGGCTACGGAAGACCTATGAGC 1678 GAAACGAGTCTCTCGCGCCCTAGA TCTAGGGCGCGAGAGACTCGTTTC 1679 CGGGACAGAAGCAAGTTACATCGG CCGATGTAACTTGCTTCTGTCCCG	1673	CAACGGGCGGTAGCTAAACCGTAA	TTACGGTTTAGCTACCGCCCGTTG
1676 ACGTTCCGTCCACAACCGTATGTT AACATACGGTTGTGGACGGAACGT 1677 GCTCATAGGTCTTCCGTAGCCCGT ACGGGCTACGGAAGACCTATGAGC 1678 GAAACGAGTCTCTCGCGCCCTAGA TCTAGGGCGCGAGAGACTCGTTTC 1679 CGGGACAGAAGCAAGTTACATCGG CCGATGTAACTTGCTTCTGTCCCG	1674	GGCCAACGACAATGCGAAACCTTC	GAAGGTTTCGCATTGTCGTTGGCC
1677 GCTCATAGGTCTTCCGTAGCCCGT ACGGGCTACGGAAGACCTATGAGC 1678 GAAACGAGTCTCTCGCGCCCTAGA TCTAGGGCGCGAGAGACTCGTTTC 1679 CGGGACAGAAGCAAGTTACATCGG CCGATGTAACTTGCTTCTGTCCCG	1675	GACATCACGCAAAATCTCAGCGCA	TGCGCTGAGATTTTGCGTGATGTC
1678 GAAACGAGTCTCTCGCGCCCTAGA TCTAGGGCGCGAGAGACTCGTTTC 1679 CGGGACAGAAGCAAGTTACATCGG CCGATGTAACTTGCTTCTGTCCCG	1676	ACGTTCCGTCCACAACCGTATGTT	AACATACGGTTGTGGACGGAACGT
1679 CGGGACAGAAGCAAGTTACATCGG CCGATGTAACTTGCTTCTGTCCCG	1677	GCTCATAGGTCTTCCGTAGCCCGT	ACGGGCTACGGAAGACCTATGAGC
	1678	GAAACGAGTCTCTCGCGCCCTAGA	TCTAGGGCGCGAGAGACTCGTTTC
1680 TGACCGCTCGATACCAGGAGGGTG CACCCTCCTGGTATCGAGCGGTCA	1679	CGGGACAGAAGCAAGTTACATCGG	CCGATGTAACTTGCTTCTGTCCCG
	1680	TGACCGCTCGATACCAGGAGGGTG	CACCCTCCTGGTATCGAGCGGTCA

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1681 CTGGCATTAAAGACTTCCGACCA TGGTCGGAAGGTCTTTATTGCCAG 1682 TGCGCGACGTCATGTTGGTGATTA TATCACCAACATGACGTCGCGCA 1683 GTTGGTTGTGGAACACACCGCT AGCGGGTGTGTTCCCAACAACCAAC 1684 TGTGGGTTCGGAACACACGAGAAT 1685 GGAAAAACGGCAATTAGCCGAGT ACTCGGCTATTTCCGAACCCACA 1686 TGGTGCGGAGTGCCCTCTATTGGG CCCAATTGCCGTTTTTTCC 1686 TGGTGCGAGTGCCCCAGACT AGTCGGCTGACCCACA 1687 AACCAACAGGCTGCAGCCCAGACT AGTCTGGGCTGCAGCCTGTTTGGT 1688 AAACAGATCCATCTGCACGCCAGG 1689 GGAATACCGACGCCAGG CTGGCTGCAGCTGATTGGTT 1689 GGAATACCGCGCGAGT AGCCAGATTGCCCGCAGCA 1690 TACTGTTCGCGGCCAACCGTCACT AGTCAGGCTGCAGCTGTTTCC 1690 TACTGTTCGCGGCAAACCGTCACT AGTGAGCGTTTGCCGCGAACAGTA 1691 GATCTCTGGTGGAGCACGTTTTCC GGAAAACGTGCTCCAGCAGAGATC 1692 GGCATAGCAAACCTTGACCTCCAA TTGGAGGTCTCCAGCAGAGATC 1693 GACTAGCAAACCTTGACCTCCAA TTGGAGGTCAAGGTTTTGCTATGCC 1693 ACTGGGATTCGCGAGCCAATATC GATATTGGCTCGCGAATCCCAGT 1694 CGATCAGGATTCATTTACGCCG CGGCGCTAAATGATATCCTGATCG 1695 ACGGTACCAAACCATTTACCGCC CGGCGCTAAATGATATCCTGATCG 1696 CTCCCATACCTGCGTCTCATACCGACTTCAGCGT 1697 GCACGGAACCCTAATTGTCGACA TCGGTAAGAACGCAGGTATGGGAG 1698 GCCACACGATCAAGACAGCGCATG 1699 CCCCTTAACTCACGAGCGGTCAAT 1700 AGAGAAGGTCATTGCCGCAA TCGGTACGAACACGTTTCGGTACCGG 1699 CCCGTTAACTCACGAGCGGCATA 1700 AGAGAAGGTCATTGCCTGCAGT 1701 CGGGCCCTCTTAAAGTAGACAGCGGCTAA 1700 AGAGAAGGTCATTGCCTGCGGTG CACCGACAATTAACGGG 1700 AGAGAAGGTCATTGCCTGCGGTG CACCGACAGCAATTAACGTTCTCTT 1701 CGGGCCCTCTTAAAGTAGACAGCGCATG 1702 ACATCCGCGCAGGGAGTTAGCG 1703 AATGCCTAATGGACCAGCGATCA 1704 CTCGATCTTTTTAACCGAGCGGATC 1705 CGTTCCTGGAAGGCAGGGTCAAT 1706 CCTGTGTTTAAAATAAGAACGAGG 1707 GTTAACTCACGAGGGAGTTCAC 1708 CGTGCCTTTAAAATAAGAACCAGGCATCA 1709 CGTGGTTTAAAATAAACACGCGCATT 1701 CACCACACGTTTTTTAACCGAGGGATCAAC 1702 CCAGCACAACACAACAAGAACACAGCGATT 1703 CCAGCCCCAATTGGCCCCGATCAACCACACACACACACAC			·
1683 GTTGGTTGTGGGAACACCCGGT ACCGGGTGTGTTCCCACAACCAAC 1684 TGTGGGTTCGGAAACACAGGAAGT ACTTCCTGTGTTTCCGAACCCACA 1685 GGAAAAACGGCATTAGCCGAGT ACTCGGCTATTGCCGTTTTTTCC 1686 TGGTGCGGAGTGCCCTCTATTGGG CCCAATAGAGGGCACTCCGCACCA 1687 AACCAACAGGCTGCAGCCCAGACT AGTCTGGGCTGCAGCCCACCA 1688 AAACAGTCCATCTGCAGCCCAGACT AGTCTGGGCTGCAGCCCTGTTGGTT 1688 AAACAACATCCATCTGCACGCCAGAC CCTGGCGTGCAGACTGGTTTT 1689 GGAATACCGCGGCGATTATGGCTT AAGCCATAATCGCCGCGGTATTCC 1690 TACTGTTCGCGGCAAACCGTCACT AGTGACGGTTCCACGAAGAGATC 1691 GATCTCTCGTGGAGCACCGTCACT AGTGACGGTTCCACGAAGAGATC 1692 GGCATAGCAAACCTTGACCTCCAA TTTGGAGGTCCACGAAGAGATC 1693 ATCTGGGATTCGCAGCCCAGA TTTGGAGGTCCACGAAACGTTGCTCCACGAAGAGATC 1694 CGATCAGGATTCACCTCCAA TTTGACGTCCACGAAACGGTTTGCTACCAGAAGATC 1695 ACGGTACCGAAACCGTTCACCTCAA TTTGAGGTCAGCAGATAATCATCACCAGAT 1696 CTCCCATACCTGCGTTCTTACCGA TCGGTAAAGAATCATTCGTGACC 1697 GCACGAAACCGTTCTACCGA TCGGTAAAGAACGCAGGTATGGGAG 1698 GCCACAGAACCTTATTTGCCACA TCGGTAACGACAGTTCGGTACCGT 1699 CCCGTTAACTCACGAGCGGTCAT ATTGACGCCTGTGTTTGATCGG 1699 CCCGTTAACTCACAGACAGCCATG CATGCGCTGTGTTTACTGGC 1699 CCCGTTAACTCACAGACGGTCAT ATTGACCGCTTGGTACCTTTTCTGTGC 1700 AGAGAAGGTCATTGCCTGTCGGTG CACCGACAGGCAATTAAGGTTCTCTTT 1701 CGGGCCCTCTTAAAGTAGAGCAGG 1702 ACATCGAGCGGTCAAT ATTGACCGCTCGTGAGTTAACGGG 1703 AATGCCTAATCGAGCCAGCGGTT 1704 ACATCCGCGGGGGTTCAAT ATTGACCGCTCGGAAGCCCGTTT 1704 ACTCGATCTGAGCCAGCGGATC 1705 CGTTCCTGGAGGGAGGTTCAC GACCGACAGGCAATGACCTTCTCT 1706 CCTGTGCTTAAAATGAGAGCAGG 1707 GTTAGTCGCCCTATTTTAAACCGGCGGTT 1708 ACGCCGGTTCAAAAAAGAACGCAGGTTAAAAAAAAAAAA	1681	CTGGCAATAAAGACCTTCCGACCA	
1684 TGTGGGTTCGGAAACAGGAAGT ACTTCCTGTGTTTCCGAACCCACA 1685 GGAAAAACGGCAATTAGCCGAGT ACTCGGCTAATTGCCGTTTTTTCC 1686 TGGTGCGGAGTGCCCTCTATTGGG CCCAATAGAGGGCACTCCGCACCA 1687 AACCAACAGGCTGCAGCCCAGACT AGTCTGGCGTGCAGCCTGTTGGTT 1688 AAACAGATCCATCTGCACGCCAGG CTGTGGGTTGGAGCTGTGTGTT 1689 GGAATACCGCGGCGATTATGGCTT AAGCCATAATCGCCGGGATTTCC 1690 TACTGTTCGCGGCAAACCGTCACT AGTGACGCGCGGTATTCC 1691 GATCTCTCGTGGAGCACCACAA TGGAAACGTCCCACGAACAGTA 1692 GGCATAGCAAACCTTGACTCCAA TTGGAGGTCAGAGGATC 1693 ATCTGGGATTCGCGAGCCAATATC GAAATTGGCCGCGGAACCAGTA 1694 CGATCAGGATCCACAA TTGGAGGTCAAGGTTTGCTATGCC 1695 ACGGTACCGAACCGTTCACA TTGGAGGTCAAGGTTTGCTATGCC 1696 CCGATCAGGATACATTCACCCCG CGGGCGTAAATCATTCCTGATCG 1697 GCACGAAACCGTTCTAACGACGT 1698 GCCACACGAACCGTTCTCACCA TGGGAACCGTTTCGGTACCGT 1698 GCCACACGAACCGTCTCAACACGTCTCAACCGTTCTGGTACCGT 1699 CCCGTTAACTCACGAGCGGTCACA TGTGCGACCAATTAGGTTCCGGC 1699 CCCGTTAACTCACGAGCGGTCAAT ATTGACCGCTGTGTGTGCC 1699 CCCGTTAACTCACGAGCGGTCAAT ATTGACCGCTGTGTGTGGC 1699 CCCGTTAACTCACGAGCGGTCAAT ATTGACCGCTGTGTGATCGTGCC 1700 AGAGAAGGTCATTGCCTTCCGTAA 1700 AGAGAAGGTCATTGCCTTCCGTG 1701 CGGGCCCTCTTAAAGTAGAGCAGG 1702 ACATCGCGTCCGAGGGGAGTTAGCG 1703 AATGCCTAACTCCGAGCGGTCAT ATTGACCCCTCCGGACGCAATTAGCTTT 1704 CTCGATCTTTTTAACCGGCGCTT 1705 CGTTCCTGGAGGGAGGTTAGCG CCGCTAACTCCCTCCGGACGCGATGT 1706 CCTGTGCTTAACTAGGCCGCCTT 1707 GTTAGTCGCCCTATTGCCTGGTT 1708 CCGTTCCTGGAAGGCAGGCGTT 1709 CTTGCTTTAAACTAGCAGCGGTTCAC 1709 CTTGGTTTAAACACCGCCGCTT 1709 CTTGGTTAAATTGCCA 1709 CTTGGTTAAATTGCCA 1709 CTTGGTTAAACTAGCCC 1709 CTTGGTTAAACTACCCCGGGTT 1701 TAAGACGCAGAAAGATGGCCACCGTTTC 1701 TAAGACGCCAGAAACAGGGGTCACA 1710 TAAGACGCAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	1682		
1685 GGAAAAAACGGCAATTAGCCGAGT ACTCGGCTAATTGCCGTTTTTTCC 1686 TGGTGCGGAGTGCCCTCTATTGGG CCCAATAGAGGGCACTCCGCACCA 1687 AACCAACAGGCTGCAGCCCAGACT AGTCTGGGCTGCAGCCTGTTGGTT 1688 AAACAGATCCATCTGCACGCCAGG CCTGGCGTGCAGATGGATCTGTT 1689 GGAATACCGCGGCGATTATGGCTT AGCCATCAATCGCCGCGGTATTCC 1690 TACTGTTCGCGGCAAACCGTCACT AGTGACGGTTTGCCGCGAACAGTA 1691 GATCTCTCGTGGAGCACCGTTTTCC GGAAAACGTCCACCACAGAACGTT 1692 GGCATAGCAAACCTTGACCTCCAA TTGGAGGTCACCACGAGAGATC 1693 ATCTGGGGTTCGCGAGCACATATC GATATTGGCTCGCGAATCCCAGAT 1694 CGATCAGGATTCACCTCCAA TTGGAGGTCAGATCCCAGAT 1695 ACGGTACCGAAACCGTTCACCTCCAA TTGGAGGTCAGGATCCCAGAT 1696 CTCCCATACCTGCAGTCTCACCTCCAA TTGGAGGCCATATCCTGATCG 1697 GCACGAAACGGTCTCAGCGT ACGCTGAGACCGTTTCGGTACCGT 1698 GCCACAGCAACACGTCTCAGCGT ACGCTGAGACCGTTTCGGTACCGT 1699 CCCGTTAACTCACGACGCGTCACA TGTGCGAACACGACACG	1683	The state of the s	AGCGGGTGTGTTCCCACAACCAAC
1686 TGGTGCGGAGTGCCCTCTATTGGG CCCAATAGAGGGCACTCCGCACCA 1687 AACCAACAGGCTGCAGCCCAGACT AGTCTGGGCTGCAGCCTGTTGGTT 1688 AAACAGATCCATCTGCACGCCAGG CCTGGCGTGCAGATGGATCTGTTT 1689 GGAATACCGCGGGCGATTATTGGCTT AAGCCATAATCGCCGCGGTATTCC 1690 TACTGTTCGCGGCAAACCGTCACT AGTGACGGTTGCCCGCGAACAGTA 1691 GATCTCTCGTGGAGCACGTTTTCC GGAAAACGTGCCCACGAGAGAT 1692 GGCATAGCAAACCTTGACCTCCAA TTGGAGGTCAACGGTTTGCTATGCC 1693 ATCTGGGATTCGCGAGACCATATC GATATTGGCTCGCGAATCCCAGAGT 1694 CGATCAGGATATCATTTACGCCCG CGGGCGTAAATGATTCCTATGCC 1695 ACGGTACCGAAACCGTCTCACA TCGGAGACCGTTTCGTATGCC 1696 CTCCCATACCTGCGTTCTTACCGA TCGGTAAAGAACGTGTCTCAGGAT 1697 GCACGAGAACCTAATTGTCGCACA TGTGCACGAACGAGATTCGTATCG 1698 GCCACACAGATCAATTGTCGCACA TGTGCGCAATTCAGGTC 1699 CCCGTTAACTCACGAGCGCATT 1700 AGAGAAGGTCATTGCCTGCAT ATTGACCGCTCTTGATCCTGTCC 1701 CGGGCCCTCTTAAAGTAGAGCAGG 1702 ACATCGCGTCCGAGGGGTCAAT ATTGACCGCTCGTGAGTTAACGGG 1703 AATGCCTAATCGAGCGCGTC 1704 CTCGATCTTTTAACACGGCGATC 1705 CGTTCCTGGAGGAGAGCAGCCGATC 1706 CCTGGATCTTTTAACCGGCGTT 1707 CTCGATCTTTTTAACCGGCGCTT 1708 CCGGTCGAAGAGCAGCCGATC 1709 CGTGGTTTAACAAGCAGCCATC 1709 CGTGGTTTAACAACACGCCATC 1709 CGTGGTTTAAAAACATCGCGCTTC 1701 CAACACCACGCATTTCCCTGTCAC 1702 CCGGTGAGTTAAACAACACCCCTTCACTTTAACGAGCAATTAACCACG 1706 CCTGTGCTTAAAACACCCCCGTTCACTTTAAAAAAAACAATCAAC 1707 GTTAGTCGCCCTATTTGCCTGTTC 1708 CCGGTGAAGAAGAAGCCCACTGCTTCACTTTAAAAAAAAA	1684	TGTGGGTTCGGAAACACAGGAAGT	ACTTCCTGTGTTTCCGAACCCACA
1687 AACCAACAGGCTGCAGCCCAGACT 1688 AAACAGATCCATCTGCACGCCAGG 1689 GGAATACCGCGGGCGATTATGGCTT 1689 AACCAGCCGGGCGATTATGGCTT 1689 AACCGCGGCGAAACCGTCACT 1690 TACTGTTCGCGGGCAAACCGTCACT 1691 GATCTCTCGTGGAGCACGTTTTCC 1692 GGCATAGCAAACCTTGACCTCCAA 1692 GGCATAGCAAACCTTGACCTCCAA 1693 ATCTGGGGTATCCCGAGAGATC 1694 CGATCAGGATACCTCCAA 1695 ACGTCAGGATACCTCCAA 1696 CGCATAGCAAACCTTGACCTCCAA 1697 CGAAAACGTTCCGAGAGCACATATC 1698 ACGGTACCGAAACCTTACCCCC 1698 ACGGTACCGAAACCGTCTCAGCGT 1699 CCCCATACCTGCGGTTCTTACCGC 1696 CTCCCATACCTGCGTTCTTACCGA 1697 GCACGAGAACCTAATTGTCGCACA 1698 GCCACACGATCAAGACAGCGCCATA 1699 CCCGTTAACTCAGCGT 1699 CCCGTTACCTCAGCGT 1700 AGAGAAAGGTCATTGCCTGTGGGC 1700 AGAGAAGGTCATTGCCTGTGGGG 1700 AGAGAAGGTCATTGCCTGTGGGG 1701 ACATCGCGTCCTTAAAGACAGCGCCAT 1702 ACATCGCGTCCTTAAAGAACAGG 1703 AATGCCTACTGAGGAGAGTTAGCG 1704 CTCGATCTTTTAAACCAGGCGGTC 1705 CGTTCCTGGAAGCAGGATG 1706 CCTGTCTTTTTAAACCGGCGGTT 1707 GTTAGTCCGAGCGGATCCA 1708 CCGGTGAGTTAACTGAGCAGGGTCAAC 1709 CGTGGTTTAAAAAGAAACGCGCATT 1701 CTCGGACCCTATTTGCTGGTTCACCGGTTCAACCCTCCTGAACCATTCCTCTCAGAACCATTTTTTAAACCGGCCGG	1685	GGAAAAACGGCAATTAGCCGAGT	ACTCGGCTAATTGCCGTTTTTTCC
1688 AAACAGATCCATCTGCACGCCAGG CCTGGCGTGCAGATGGATCTGTTT 1689 GGAATACCGCGGCGATTATGGCTT AAGCCATAATCGCCGCGGTATTCC 1690 TACTGTTCGCGGCAAACCGTCACT AGTGACGGTTTGCCGCGAACAGTA 1691 GATCTCTCGTGGAGCACGTTTTCC GGAAAACGTGCTCCACGAGAGATC 1692 GGCATAGCAAACCTTGACCTCCAA TTGGAGGTCAAGGTTTGCTATGCC 1693 ATCTGGGATTCGCGAGCCAATATC GATATTGGCTCGCGAATCCCAGAT 1694 CGATCAGGATATCATTTACGCCCG CGGGCGTAAATGATATCCTGATCG 1695 ACGGTACCGAAACGGTCTCAGCGT ACGCTGAAACGTTTCGGTACCGT 1696 CTCCCATACCTGCGTTCTTACCGA TCGGTAAGAACGTTTCGGTACCGT 1697 GCACGAGAACCTAATTGTCGCACA TGTGCGACAGTTTAGGTACGT 1698 GCCACACGATCAAGACAGCGCATG CATGCGCTGTTGATCGTGC 1699 CCCGTTAACTCAGAGCAGCGATA ATTGACCGCTGTGATCGTGC 1699 CCCGTTAACTCAGAGCAGCGATA ATTGACCGCTCTGAGCTTTAACGGG 1700 AGAGAAGGTCATTGCCTGTCGGTG CACCGACAGGCAATGACCTTCTCT 1701 CGGGCCCTCTTAAAGTAGAGCAGG 1702 ACATCGCGTCCGAGGGGATTAGCG CCTCACTTTAAAGAGGGCCCG 1702 ACATCGCGTCCGAGGGAGTTAGCG CGCTAACTCCCTCGGACGCATGT 1703 AATGCCTAATCGAGCGGGTCAAT ATGACCGCTCGGAGCCATT 1704 CTCGATCTTTTAAACCAGGCGGTC 1706 CCTGTCCTAAGAGAGCAGCGATC GATCCCCTCGGACGCATGT 1707 CTCGATCTTTTTAAACCAGGCGGTTCAC GTGAGACCCTTCCAGGAACG 1708 CGTTCCTGGAAGGCAGGGTCCAC GTGAGACCCTGCCTTCCAGGAACG 1709 CGTGGTTTAAAAGAGACCAGCGTT AACCAGGCCGATAGTAAGCACAGG 1709 CGTGGTTTAAAACATCCGCGCTTCA TGGATCGCCGGATGTTTAAACCACG 1701 CACCACAGCTCTATTGGCCTGGTT AACCAGGCCAATAGGCCAAGG 1702 CACCACAGCTCTATTTGCCCTGGTT AACCAGGCCAATAGGCCACAGG 1703 CCACAGCCCCATTTTGCCCTGGTT AACCAGGCCAATAGGCCACCAGG 1704 CTCGATCTTTTTAAACCAGCCACCTTCCC CGGACCCCATCTCCCCCGGACCACACAACAACAACACAGG 1706 CCTGTGCTTAACTATCGGCCGGTT AACCAGGCCAATAGGGCGACTTAAC 1707 GTTAGTCGCCCTATTGGCCTGGTT AACCAGGCCAATAGGGCGACCAGG 1709 CGTGGTTTAAAACATCCCC GGGTCGATTACAGCCACGGTTTTACAGCCCCTATTTTCACCCGG 1709 CGTGGTTTAAAACATCCCCC GGGTCGAACAAAAAGACTTGTGGTG 1711 TAAGACCGAAAAAAGACTGTGGTGGTG 1712 TCGGGTCCGACCACCACTTTTGC CCACAAAAGAGACTTGTGGTG 1713 CCACCAAGCCCCAACACACACTTTTGC 1714 TCCGTGATATGGCCCGGTT AACCCCCACACCACTTTTGC 1714 TCCGTGATATGGCCGCGGTT AACCACACACACACACAACAAAATGGTGTGCACCCCAACCACTTTTGC 1716 AGGACTGCACCACCACTTTTGC CCACACCACCACACCA	1686	TGGTGCGGAGTGCCCTCTATTGGG	CCCAATAGAGGGCACTCCGCACCA
1689 GGAATACCGCGGCGATTATGGCTT 1690 TACTGTTCGCGGCAAACCGTCACT AGTGACGGTTTGCCGCGAACAGTA 1691 GATCTCTCGTGGAGCACGTTTTCC GGAAAACGTGCTCCACGAGAGATC 1692 GGCATAGCAAACCTTGACCTCCAA TTGGAGGTCAAGGTTTGCTATGCC 1693 ATCTGGGATTCGCGAGCCAATATC GATATTGGCTCGCGAATCCCAGAT 1694 CGATCAGGATATCATTTACGCCCG CGGGCGTAAATGATATCCTGATCG 1695 ACGGTACCGAAACCGTCTCAACGGT ACGCTGAGACCGTTTCGGTACCGT 1696 CTCCCATACCTGCGTTCTTACCGA TCGGTACAACACCGTTCTGGACCGT 1697 GCACGAGAACCTAATTGTCGCACA TGTGCGACAATTAGGTTCTGGTGC 1698 GCCACACGATCAAGAACCGACAT ATTGACGACA TGTGCGACAATTAGGTTCTCGTGC 1699 CCCGTTAACTCACGAGCGGTCAAT ATTGACCGCTTGATCGTGCGC 1700 AGAGAAGGTCATTGCCTGCGTG CACCGACACGGAATGACCTTCTCT 1701 CGGGCCCTCTTAAAGTAGAGCAGG 1702 ACATCGCGTCCGAGGGGGTCAAT ATTGACCGCTGGTGAGTTAACGGG 1703 AATGCCTAATCGAGCAGGGTCAAT ATTGACCGCTCGTGAGTTAACGGG 1704 CTCGATCTTTTAAAGTAGAGCAGG 1705 CGTTCCTGGAGGCGGGTC 1706 CCTGTCCTTGAAGTAGACCAGGGATC 1706 CCTGTGCTTAACTCACGGCGGGTC 1707 GTTAGTCGCCGGAGGGGTCCAC GTGAGACCCTGCTGAGTTAAAGACCACAGG 1707 GTTAGTCGCCCTATTGGCCTGGTT AACCGCCGATAGTAAAACATCGAG 1708 CCGGTGCTTACTATCGGCGGATCCA TGGAACCCTGCCTTCCAGGAACG 1709 CGTGCTTACTATCGGCCGGTCCAC TGGAGCCCGATAGTAAACCACAGG 1700 CGTGGTTTAAAACATCGCCGGTCCAC TGGACCCCATAGTAAACCACAGG 1701 CACACACGCTTTAAAACATCGCCGCTTCCACGGACCCATAACCACCGCGTTTAAAACAACACCACGGCTTCAC TGGACCCCATATAAACCACACGG 1701 TAAGACGCAGAAGATGACCACACCACTTTTCGCCTCTTA 1711 CACCACACGCTTTTTTTTCAACCCC GGGTCCACACCACTTTCTCGCTCTTA 1711 CACCACACGCTTCTTTTTTTTCACCCC GGGTCCAACAAAACAA	1687	AACCAACAGGCTGCAGCCCAGACT	AGTCTGGGCTGCAGCCTGTTGGTT
1690 TACTGTTCGCGGCAAACCGTCACT AGTGACGGTTTGCCGCGAACAGTA 1691 GATCTCTCGTGGAGCACGTTTTCC GGAAAACGTGCTCCACGAGAGATC 1692 GGCATAGCAAACCTTGACCTCCAA TTGGAGGTCAAGGTTTGCTATGCC 1693 ATCTGGGATTCGCGAGCCAATATC GATATTGGCTCGCGAATCCCAGAT 1694 CGATCAGGATACATTTACGCCCG CGGGCGTAAATGATATCCTGATCG 1695 ACGGTACCGAAACCGTCTCAAGCGT ACGCTGAGACCGTTTCGGTACCGT 1696 CTCCCATACCTGCGTTCTTACCGA TCGGTAAGACCGATTAGGTACCGT 1697 GCACGAGAACCTAATTGTCGCACA TGTGCGACAATTAGGTTCTCGTGC 1698 GCCACACGATCAAGACAGCGCATG CATGCGGCACAATTAGGTTCTCGTGC 1699 CCCGTTAACTCACGAGCGGTCAAT ATTGACCGCTCGTGATCGTGGC 1700 AGAGAAGGTCATTGCCTGTCGGTG CACCGACAGGTAATGACCTTCTCT 1701 CGGGCCCTCTTAAAGTAGAGCAGG CCTGCTCACTTAAGAGCCCG 1702 ACATCGCGTCCGAGGGAGTTAGCG CGCTAACTCCCTCGGACGCATG 1703 AATGCCTAATCGAGCAGCGGTC 1704 CTCGATCTTTTAAACCGGCGCTT 1704 CTCGATCTTTTTAAACCGGCGCTT 1705 CGTTCCTGGAAGGCAGGGTCCAC GATCCCCTCGGACGCATG 1706 CCTGTGCTTACTATCGGCGATCCA TGGACCCGCTCTCCAGGAACG 1707 GTTAGTCGCCTTATTGGCCTGGTT 1708 CCGGTGCTTACTATCGGCGATCCA TGGATCCCCTCCAGGAACG 1709 CTTAGTCGCCCTATTGGCCTGGTT 1708 CCGGTGAAGACACTCCA TGGATCACCTCCCCGGACGCACTAC 1709 CTTAGTCGCCCTATTGGCCTGGTT 1700 CGGGCCCTTTCACTATCGGCGATCCA TGGATCGCCGATAGTAAGCACAGG 1701 CACCACAGCTTAAATGCCA TGGATCACCACTCTCACCGG 1702 CGTGGTTTAAAACATCGCCGGTTCAC GGAACCCCGATTTTAAAACACCACG 1703 CCAGCCCCAATGACCACCACTTTTCG CGAACGCCAATTAGGCCACTAC 1704 CTCGATCTTTTTAAACCACGCGCTCCAC GGACCCCACTCTCACCGG 1707 CTTAGTCGCCCTATTGGCCTGGTT ACCACAGCCCAATTACCACCG 1708 CCGGTGAAAAAAAAAAAACACCACCACTTTTTCG CCAAACACAAAAAAAAAA	1688	AAACAGATCCATCTGCACGCCAGG	CCTGGCGTGCAGATGGATCTGTTT
1691 GATCTCTCGTGGAGCACGTTTTCC 1692 GGCATAGCAAACCTTGACCTCCAA 1693 ATCTGGGATTCGCGAGCCAATATC 1694 CGATCAGGATTCGCGAGCCAATATC 1694 CGATCAGGATACCTTTACCCCCG 1695 ACGGTACCGAAACGGTCTCAGCGT 1696 CTCCCATACCTGCGTTCTTACCGA 1697 GCACGAGAACCGTTCTTACCGA 1698 GCCACACGATCAGCGT 1699 CCCGTTAACTCAGCGT 1698 GCCACACGATCAAGACAGCGCATG 1699 CCCGTTAACTCAGCGT 1700 AGAGAAGGTCATTGACCTGCTT 1701 CGGCCCTCTTAACGAGCAGCGATTACCTTCTCT 1702 ACATCGCGTCCGAGGGAGCTTAGCGGT 1703 AATGCCTAATCGAGCAGCGGATC 1704 CTCGATCTTTTAACCGAGCGGTT 1705 CGTTCCTGGAAGGCAGGGTCACA 1706 CCTGTCTTACTAGCAGGGGTCACA 1707 GTTAGTCGCCCATTCAGCGATCAAAGACACGGGTTCACTTCAGCATT 1708 CCGGTGAGAACACAGCGCATT 1709 CTGGTCTTAAACTCAGCGGGTCACA 1709 CGTGGTTTAAACTCAGCGGGTCACA 1709 CGTGGTTAACTCAGCAGCGGTCACA 1709 CGTGGTTAAACTAGCGCAGCGATCACTCCCTGCAGCACGGAACCACACGACACACAC	1689	GGAATACCGCGGCGATTATGGCTT	
1692 GGCATAGCAAACCTTGACCTCCAA TTGGAGGTCAAGGTTTGCTATGCC 1693 ATCTGGGATTCGCGAGCCAATATC GATATTGGCTCGCGAATCCCAGAT 1694 CGATCAGGATACATTTACGCCCG CGGGCGTAAATGATATCCTGATCG 1695 ACGGTACCGAAACGGTCTCAGCGT ACGCTGAGACCGTTTCGGTACCGT 1696 CTCCCATACCTGCGTTCTTACCGA TCGGTAAGAACGCAGGTATGGGAG 1697 GCACGAGAACCTAATTGTCGCACA TGTGCGACAATTAGGTTCTCGTGC 1698 GCCACACGATCAAGACAGCGCATG CATGCGCTGTGTTGATCGTGGC 1699 CCCGTTAACTCACGAGCGGTCAAT ATTGACCGCTCGTGAGATTAACGGG 1700 AGAGAAGGTCATTGCCTGTCGGTG CACCGACAGGCAATGACCTTCTCT 1701 CGGGCCCTCTTAAAGTAGAGCAGG CCTGCTCATCTTAAAGAGGCCCG 1702 ACATCGCGTCCGAGGGAGTTAGCG CGCTAACTCCCTCGGACGGATGT 1703 AATGCCTAATCGAGCCAGCGGATC 1704 CTCGATCTTTTAAACCGGCGCTT 1705 CGTTCCTGGAAGGCAGGGTCCAC GTGAGACCCTGCCTTCAGGAACG 1706 CCTGTGCTTACTATCGGCGATCCA TGGATCGCCGATAGTAAGCACG 1707 GTTAGTCGCCCTATTGGCCTGGTT AACCAGGCCAATAGGACCTAC 1708 CCGGTGAGATGACTGCAAATGCCA TGGATCGCCGATAGTAAGCACAGG 1709 CGTGGTTTAAAACATCGCGCTTCG CGAAGCCCAATAGGACCACAG 1709 CGTGGTTTAAAACATCGCGCTTCG CGAAGCCCAATAGGGCGACTAAC 1709 CGTGGTTTAAAACATCGCGCTTCG CGAAGCCCAATATTTAAACCACG 1710 TAAGACGCAGAAGATGGGGTCCAC TGGACCCCATCTTCTCACCGG 1710 TAAGACGCAGAAAATGCCA TGGACCCCAATATGAGCACTAC 1711 CACCACAGCTTCTTTTTTCGACCC GGGTCGAACAAAGAACCTTCTCACCGG 1712 TCGGGTCCGTACCACCACCTTTTTGC CCAAAAAGTGGTGGTACCGACCCAATATTCACGGACCCAATATTCACGGACCCAACAAAAGAACCTGTGGTT 1711 CACCACACGCTTCTTTTTTTCACCCC GGGTCGAACAAAAGAACCTTGTGGTG 1711 TCGGGTCCGTACCACCACCTTTTTGC GCAAAAAGTGGTGGTACCGGACCCAA 1711 CCACGCCCGAGTACCGAAGATTT AAATCTTCGGTACTCGGGGCTTGG 1711 TCCGTGATATGGTCGTGGCGCGGT ACCGCCCACCACCATATCACCGA 1711 TCCGTGATATGGCCGCGCGT ACCGACCATATCACCGAACAAAATTGACCAAAAAGAACCTGTGGACCCAACAAAAGAACCTGTGGGACCCAACAATTACACGAAAAATTGACCAAAAAATGACACAAAAAAAGAACCTGTGGACCCAACAATATCACCGAACAAAAATGACACAAAAAAAA	1690	TACTGTTCGCGGCAAACCGTCACT	AGTGACGGTTTGCCGCGAACAGTA
1693 ATCTGGGATTCGCGAGCCAATATC 1694 CGATCAGGATTCGCGAGCCAATATC 1695 ACGGTACCGAAACGGTCTCAGCGT 1695 ACGGTACCGAAACGGTCTCAGCGT 1696 CTCCCATACCTGCGTTCTTACCGA 1697 GCACGAGAACCTAATTGTCGCACA 1698 GCCACACGATCAAGACAGCGCATG 1698 GCCACACGATCAAGACAGCGCATG 1699 CCCGTTAACTCACGAGCGGTCAAT 1700 AGAGAAAGGTCATTGCCTGTCTTGGTG 1701 CGGGCCCTCTTAAAGTAGAGCAGG 1702 ACATCGCGTCCGAGGGAGATTAGGG 1703 AATGCCTAATTGCCGAGGGTCAAT 1704 CTCGATCTTTTAAAGTAGAGCAGGGTT 1705 CGTTCCTGGAGGGGGTCAT 1706 CCTGTGCTTTTTAAACCGGGGTCT 1707 GTTAGTCGCCCTATTGGCCTGTCAGTT 1708 CCGGTGAGATCATCAAGACAGCGGATC 1709 CGTGGTTAACTCACGAGCGGTCAT 1709 CTGGATCTTTTTAAACCGGCGGTC 1709 CGTGGTTAACTAAGAGAGAGAGCAGCAATGACCTTCCAGGAACG 1707 GTTAGTCGCCCTATTGGCCTGGTT 1708 CCGGTGAGGAGGAGGTCCAA 1709 CGTGGTTTAAAAACATCGGCGATCCA 1709 CGTGGTTTAAAACAACGCGGTTCAC 1710 TAAGACGCAGAAGATGACCTTCAC 1710 TAAGACGCAGAAGATGACCACGGGTCAAC 1711 CACCACAGCTTCTTTGTTCGACCC 1712 TCGGGTCCGAACACCCACCGGTT 1714 CCCACCGGTACCACCACCTTTTGC 1715 CGAAAAGTGGGTCCAC 1716 TAAGACGCAGAAGATGGGGTCCAC 1717 CACCACAGCTTCTTTGTTCGACCC 1718 CCCACAGCTTCTTTGTTCGACCC 1719 CGTGGTTTAAAACATCGCGCTTCG 1710 TAAGACGCAGAGATGTCACCC 1711 CACCACAGCTTCTTTGTTCGACCC 1712 TCGGGTCCGTACCACCACCTTTTGC 1714 TCCGTGATATGGTCGTGGCGCGGT 1715 CCAAGCCCCGAGACACACACATTTCACCGGA 1716 AGGACTGCACCACCACTTTTGC 1717 CCATCCTCATGTACAGCACCACCTTCTACACCACACCAC	1691	GATCTCTCGTGGAGCACGTTTTCC	GGAAAACGTGCTCCACGAGAGATC
1694 CGATCAGGATATCATTTACGCCCG CGGGCGTAAATGATATCCTGATCG 1695 ACGGTACCGAAACGGTCTCAGCGT ACGCTGAGACCGTTTCGGTACCGT 1696 CTCCCATACCTGCGTTCTTACCGA TCGGTAAGAACGCAGGTATGGGAG 1697 GCACGAGAACCTAATTGTCGCACA TGTGCGACAATTAGGTTCTCGTGC 1698 GCCACACGATCAAGACAGCGCATG CATGCGCTGTCTTGATCGTGTGC 1699 CCCGTTAACTCACGAGCGGTCAAT ATTGACCGCTCGTGAGTTAACGGG 1700 AGAGAAAGGTCATTGCCTGTCGGTG CACCGACAGGCAATGACCTTCTCT 1701 CGGGCCCTCTTAAAGTAGAGCAGG 1702 ACATCGCGTCCGAGGGAGTTAGCG CCTGCTCTACTTTAAGAGGGCCCG 1703 AATGCCTAATCGAGGCAGGGTCATC GATCCCCTCGGACGCGATGT 1704 CTCGATCTTTTTAAACCGGCGGTC 1705 CGTTCCTGGAAGGCAGGGGTCTCAC GTGAGACCCTGCCTTCCAGGAACG 1706 CCTGTGCTTACTATCGGCGGTCCA TGGATCACCCTCCAGGAACG 1707 GTTAGTCGCCCTATTGGCCTGGTT AACCAGGCCAATAGGCCAACG 1708 CCGGTGAGATGACTGTAAATGCCA TGGATCGCCGATAGTAAGCACAGG 1709 CGTGGTTTAAAACATCGCCGTTCG CGAAGGCCAATAGGGCGACTAAC 1709 CGTGGTTTAAAACATCGCGCTTCG CGAAGCCCAATAGGGCGACTAAC 1709 CGTGGTTTAAAACATCGCGCTTCG CGAAGCGCGATGTTTAAACCACG 1710 TAAGACGCAGAAGATGGGGTCCAC GTGGACCCCATCTTCACCGG 1710 TAAGACGCAGAAGATGGGGTCCAC GTGGACCCCATCTTCTGCGTCTTA 1711 CACCACAGCTTCTTTGTTCGACCC GGGTCGAACAAAGAAGCTGTGGTG 1712 TCGGGTCCGTACCACCACTTTTGC GCAAAAGTGGTGGTACGGACCCGA 1713 CCAAGCCCCGAGTACCACCACTTTTGC GCAAAAGTGGTGGTACGGACCCGA 1714 TCCGTGATATGGTCGTGGCGCGGT ACCGCGCCACGACCATATCACGGA 1715 TGTCTTGTCATGGCACCTCGCAT ATGCAGGCCAATACCAGACA 1716 AGGACTGCACTGTGACACCTCGCAT ATGCAGGCCAATACACAGACA 1716 AGGACTGCACTGTGCACCTCGCAT ATCCAGACACAAGACAAAGAAGAACAAAGAAGAACTGAGCACAA 1716 AGGACTGCACTGTGACACCACCTCGAT ATCCAGACACAAAGAACAAAACAA	1692	GGCATAGCAAACCTTGACCTCCAA	TTGGAGGTCAAGGTTTGCTATGCC
1695 ACGGTACCGAAACGGTCTCAGCGT 1696 CTCCCATACCTGCGTTCTTACCGA TCGGTAAGAACGCAGGTATGGGAG 1697 GCACGAGAACCTAATTGTCGCACA TGTGCGACAATTAGGTTCTCGTGC 1698 GCCACACGATCAAGACAGCGCATG CATGCGCTGTCTTGATCGTGTGGC 1699 CCCGTTAACTCACGAGCGGTCAAT ATTGACCGCTCGTGAGTTAACGGG 1700 AGAGAAGGTCATTGCCTGTCGGTG CACCGACAGGCAATGACCTTCTCT 1701 CGGGCCCTCTTAAAGTAGAGCAGG CCTGCTCACTTTAAGAGGGCCCG 1702 ACATCGCGTCCGAGGGAGTTAGCG CGCTAACTCCCTCGGACGCATGT 1703 AATGCCTAATCGAGCCAGCGGATC GATCCGCTGGCTCGATTAGGCATT 1704 CTCGATCTTTTAAACCGGCGCTT AAGCGCCGGTGCATTAAAAGATCGAG 1705 CGTTCCTGGAAGGCAGGGATC GTGAGACCCTGCCTTCCAGGACG 1706 CCTGTGCTTACTATCGGCGAGTCACA TGGATCGCCGGATAAGACACG 1707 GTTAGTCGCCCTATTGGCCTGGTT AACCAGGCCAATAGGACCACGG 1709 CGTGGTTAAAACATCGCCTTCG CGAACCGCAATTACAGCACCAGG 1709 CGTGGTTTAAAACATCGCGCTTCG CGAACCGCAATTACAGCACCAGG 1710 TAAGACGCAGAAGATGGGGTCCAC GTGAACCCCCATCTTCACCGG 1710 TAAGACGCAGAAGATGGGGTCCAC GTGAACCCCCATCTTCTGCGTCTTA 1711 CACCACAGCTTCTTTGTCGACCC GGGTCGAACAAAAAGAACCTGTGGT 1712 TCGGGTCCGTACCACCACTTTTGC 1713 CCAAGCCCCGAGTACCACACACTTTTGC 1714 TCCGTGATATGGCCGGGT 1715 TGTCTGTGTCATGGCCGGGT 1716 AGGACTGCACCACCACTTTTGC 1717 CCATCCTCATGTACAGCGCCCGCTT 1717 CCATCCTCATGTACAGCGCCGCTT 1717 CCATCCTCATGTACAGCGCCCGCTT 1717 CCATCCTCATGTACAGCGCCCCTT 1717 CCATCCTCATGTACAGCGCCCCTTCT 1717 CCATCCTCATGTACAGCGCCCCTTCT 1717 CCATCCTCATGTACAGCGCCCCTTCT 1717 CCATCCTCATGTACAGCCCCCCTTCTTACAGCGCCTTTACATGAGGATGGCACTCCT 1717 CCATCCTCATGTACAGCCCCCTCTCTTACAGCGCCCTTTACAGCACAGACACAAAAAAAA	1693	ATCTGGGATTCGCGAGCCAATATC	GATATTGGCTCGCGAATCCCAGAT
1696 CTCCCATACCTGCGTTCTTACCGA TCGGTAAGAACGCAGGTATGGGAG 1697 GCACGAGAACCTAATTGTCGCACA TGTGCGACAATTAGGTTCTCGTGC 1698 GCCACACGATCAAGACAGCGCATG CATGCGCTGTCTTGATCGTGTGC 1699 CCCGTTAACTCACGAGCGGTCAAT ATTGACCGCTCGTGAGTTAACGGG 1700 AGAGAAGGTCATTGCCTGTCGGTG CACCGACAGGCAATGACCTTCTCT 1701 CGGGCCCTCTTAAAGTAGAGCAGG CCTGCTCTACTTTAAGAGGGCCCG 1702 ACATCGCGTCCGAGGGAGTTAGCG CGCTAACTCCCTCGGACGCGATGT 1703 AATGCCTAATCGAGCCAGCGGATC GATCCGCTGGATTAAGAAGCATT 1704 CTCGATCTTTTTAAACCGGCGCTT AAGCGCCGGTTTAAAAAGATCGAG 1705 CGTTCCTGGAAGGCAGCGGATC GTGAGACCCTGCCTTCCAGGAACG 1706 CCTGTGCTTACTATCGGCGGTCCA TGGACCCTGCCTTCCAGGAACG 1707 GTTAGTCGCCCTATTGGCCTGGTT AACCAGGCCAATAGGACCAAGG 1708 CCGGTGAGATGACTAAATGCCA TGGATTACAGTCATCACCGG 1709 CGTGGTTTAAAACATCGCGCTTCG CGAAGCCCAATCTCACCACG 1710 TAAGACGCAGAAGATGACCA TGGACCCCATCTTCTACCGG 1710 TAAGACGCAGAAGATGGCGCTTCG CGAAGCGCGATGTTTAAACCACG 1711 CACCACAGCTTCTTTGTTCGACCC GGGTCGAACAAAGAAGCTGTGGTG 1712 TCGGGTCCGTACCACCACTTTTGC 1713 CCAAGCCCCGAGTACCAACAACAAGATTT 1714 TCCGTGATATGGCCTCGAT 1715 TGTCTGTGCACCCAACACACACTTTTGC 1716 AGGACTGCACTGCACACCACTTTGATAACCACGAACAACAACAACAACAACAACAACAACAACAAC	1694	CGATCAGGATATCATTTACGCCCG	CGGGCGTAAATGATATCCTGATCG
1697 GCACGAGAACCTAATTGTCGCACA TGTGCGACAATTAGGTTCTCGTGC 1698 GCCACACGATCAAGACAGCGCATG CATGCGCTGTCTTGATCGTGTGGC 1699 CCCGTTAACTCACGAGCGGTCAAT ATTGACCGCTCGTGAGTTAACGGG 1700 AGAGAAGGTCATTGCCTGTCGGTG CACCGACAGGCAATGACCTTCTCT 1701 CGGGCCCTCTTAAAGTAGAGCAGG CCTGCTCACTTTAAGAGGGCCCG 1702 ACATCGCGTCCGAGGGAGTTAGCG CGCTAACTCCCTCGGACGCGATGT 1703 AATGCCTAATCGAGCCAGCGGATC GATCCGCTGGCTCGATTAGGCATT 1704 CTCGATCTTTTTAAACCGGCGGTT AAGCGCCGGTTTAAAAAAGATCGAG 1705 CGTTCCTGGAAGGCAGGGTCTCAC GTGAGACCCTGCCTTCCAGGAACG 1706 CCTGTGCTTACTATCGGCGGATCCA TGGATCGCCGATAGTAAGCACAGG 1707 GTTAGTCGCCCTATTGGCCTGGTT AACCAGGCCAATAGGGCGACTAAC 1708 CCGGTGAGATGACTGTAAATGCCA TGGCATTTACAGTCATCTCACCGG 1709 CGTGGTTTAAAACATCGCGCTTCG CGAAGCGCGATGTTTAAACCACG 1710 TAAGACGCAGAAGATGGGGTCCAC GTGGACCCCATCTTCTGCGTCTTA 1711 CACCACAGCTTCTTTGTTCGACCC GGGTCGAACAAAGAAGCTGTGGTG 1712 TCGGGTCCGTACCACCACTTTTGC 1713 CCAAGCCCCGAGTACCGACGAGTTT AAATCTCCGGACCCGA 1714 TCCGTGATATGGTCGTGGCGCGGT ACCGCCCACGACCATATCACGGA 1715 TGTCTGTGTCATCGCACCCACTTTGCTAACACCACACACA	1695	ACGGTACCGAAACGGTCTCAGCGT	
1698 GCCACACGATCAAGACAGCGCATG CATGCGCTGTCTTGATCGTGTGGC 1699 CCCGTTAACTCACGAGCGGTCAAT ATTGACCGCTCGTGAGTTAACGGG 1700 AGAGAAGGTCATTGCCTGTCGGTG CACCGACAGGCAATGACCTTCTCT 1701 CGGGCCCTCTTAAAGTAGAGCAGG CCTGCTCTACTTTAAGAGGGCCCG 1702 ACATCGCGTCCGAGGGAGTTAGCG CGCTAACTCCCTCGGACGCGATGT 1703 AATGCCTAATCGAGCCAGCGGATC GATCCGCTGGCTCGATTAGGCATT 1704 CTCGATCTTTTTAAACCGGCGCTT AAGCGCCGGTTTAAAAAGATCGAG 1705 CGTTCCTGGAAGGCAGGGTCCAC GTGAGACCCTGCCTTCCAGGAACG 1706 CCTGTGCTTACTATCGGCGATCCA TGGATCGCCGATAGTAAGCACAGG 1707 GTTAGTCGCCCTATTGGCCTGGTT AACCAGGCCAATAGGGCGACTAAC 1708 CCGGTGAGATGACTGTAAATGCCA TGGCATTTACAGTCATCTCACCGG 1709 CGTGGTTTAAAACATCGCGCTTCG CGAAGCGCGATGTTTTAAACCACG 1710 TAAGACGCAGAAGATGGGGTCCAC GTGGACCCCATCTTCTGCGTCTTA 1711 CACCACAGCTTCTTTGTTCGACCC GGGTCGAACAAAGAAGCTGTGGTG 1712 TCGGGTCCGTACCACCACTTTTGC GCAAAAGTGGTGGTACGGACCCGA 1713 CCAAGCCCCGAGTACCGAAGATTT AAATCTTCGGTACTCGGGCTTTGG 1714 TCCGTGATATGGTCGTGGCGCGGT ACCGCACCATATCACGGA 1715 TGTCTGTGTCATGGCCCCAT ATGCGGCCACCACATATCACGGA 1716 AGGACTGCATGGCACCTCGCAT ATCAGACCACAGACAA	1696	CTCCCATACCTGCGTTCTTACCGA	TCGGTAAGAACGCAGGTATGGGAG
1699 CCCGTTAACTCACGAGCGGTCAAT ATTGACCGCTCGTGAGTTAACGGG 1700 AGAGAAGGTCATTGCCTGTCGGTG CACCGACAGGCAATGACCTTCTCT 1701 CGGCCCTCTTAAAGTAGAGCAGG CCTGCTCTACTTTAAGAGGGCCCG 1702 ACATCGCGTCCGAGGGAGTTAGCG CGCTAACTCCCTCGGACGCGATGT 1703 AATGCCTAATCGAGCCAGCGGATC GATCCGCTGGCTCGATTAGGCATT 1704 CTCGATCTTTTTAAACCGGCGCTT AAGCGCCGGTTTAAAAAAGATCGAG 1705 CGTTCCTGGAAGGCAGGGTCTCAC GTGAGACCCTGCCTTCCAGGAACG 1706 CCTGTGCTTACTATCGGCGATCCA TGGATCGCCGATAGTAAGCACAGG 1707 GTTAGTCGCCCTATTGGCCTGGTT AACCAGGCCAATAGGGCGACTAAC 1708 CCGGTGAGATGACTGTAAATGCCA TGGCATTTACAGTCATCTCACCGG 1709 CGTGGTTTAAAACATCGCGCTTCG CGAAGCGCGATGTTTAAACCACG 1710 TAAGACGCAGAAGATGGGGTCCAC GTGGACCCCATCTTCTGCGTCTTA 1711 CACCACAGCTTCTTTTGTTCGACCC GGGTCGAACAAAGAAGCTGTGGTG 1712 TCGGGTCCGTACCACCACTTTTGC GCAAAAGTGGTGGTACCGGACCAAAGTAGCCCGA 1713 CCAAGCCCCGAGTACCGAAGATTT AAATCTTCGGTACTCGGGCTTGG 1714 TCCGTGATATGGCACCTCGCAT ACCGCGCCACCACTATCACGGA 1715 TGTCTGTCATGGCACCTCGCAT ATGCGAGGTGCCATGACACAGACA 1716 AGGACTGCACTGTGACCC CACCACTGCACCACTTTCG	1697	GCACGAGAACCTAATTGTCGCACA	TGTGCGACAATTAGGTTCTCGTGC
1700 AGAGAAGGTCATTGCCTGTCGGTG CACCGACAGGCAATGACCTTCTCT 1701 CGGGCCCTCTTAAAGTAGAGCAGG CCTGCTCTACTTTAAGAGGGCCCG 1702 ACATCGCGTCCGAGGGAGTTAGCG CGCTAACTCCCTCGGACGCGATGT 1703 AATGCCTAATCGAGCCAGCGGATC GATCCGCTGGCTCGATTAGGCATT 1704 CTCGATCTTTTTAAACCGGCGCTT AAGCGCCGGTTTAAAAAGATCGAG 1705 CGTTCCTGGAAGGCAGGGTCTCAC GTGAGACCCTGCCTTCCAGGAACG 1706 CCTGTGCTTACTATCGGCGATCCA TGGATCGCCGATAGTAAGCACAGG 1707 GTTAGTCGCCCTATTGGCCTGGTT AACCAGGCCAATAGGGCGACTAAC 1708 CCGGTGAGATGACTGTAAATGCCA TGGCATTTACAGTCATCTCACCGG 1709 CGTGGTTTAAAACATCGCGCTTCG CGAAGCGCGATGTTTTAAACCACG 1710 TAAGACGCAGAAGATGGGGTCCAC GTGGACCCCATCTTCTGCGTCTTA 1711 CACCACAGCTTCTTTGTTCGACCC GGGTCGAACAAAGAAGCTGTGGTG 1712 TCGGGTCCGTACCACCACTTTTGC GCAAAAGTGGTGGTACGGACCCGA 1713 CCAAGCCCCGAGTACCACACTTTTGC GCAAAAGTGGTGGTACGGACCCGA 1714 TCCGTGATATGGTCGTGGCGCGGT ACCGCGCCACGACCATATCACGGA 1715 TGTCTGTGTCATGGCACCTCGCAT ATGCGAGGTGCCATGACACAGACA 1716 AGGACTGCACGCCGCTG CAGCGGTGCACAAGTGCACCCTTTCTGCACCCT 1717 CCATCCTCATGTACAGCGCCGCTG CAGCGGTGCACAATGAGGATGG	1698	GCCACACGATCAAGACAGCGCATG	CATGCGCTGTCTTGATCGTGTGGC
1701 CGGGCCTCTTAAAGTAGAGCAGG CCTGCTCTACTTTAAGAGGGCCCG 1702 ACATCGCGTCCGAGGGAGTTAGCG CGCTAACTCCCTCGGACGCGATGT 1703 AATGCCTAATCGAGCCAGCGGATC GATCCGCTGGCTCGATTAGGCATT 1704 CTCGATCTTTTTAAACCGGCGCTT AAGCGCCGGTTTAAAAAGATCGAG 1705 CGTTCCTGGAAGGCAGGGTCTCAC GTGAGACCCTTCCAGGAACG 1706 CCTGTGCTTACTATCGGCGATCCA TGGATCGCCGATAGTAAGCACAGG 1707 GTTAGTCGCCCTATTGGCCTGGTT AACCAGGCCAATAGGGCGACTAAC 1708 CCGGTGAGATGACTGTAAATGCCA TGGCATTTACAGTCATCTCACCGG 1709 CGTGGTTTAAAACATCGCGCTTCG CGAAGCGCGATGTTTTAAACCACG 1710 TAAGACGCAGAAGATGGGGTCCAC GTGGACCCCATCTTCTGCGTCTTA 1711 CACCACAGCTTCTTTGTTCGACCC GGGTCGAACAAAGAAGCTGTGGTG 1712 TCGGGTCCGTACCACCACTTTTGC GCAAAAGTGGTGGTACCGACCCGA 1713 CCAAGCCCCGAGTACCACACACTTTTGC GCAAAAGTGGTGGTACCGGGCTTGG 1714 TCCGTGATATGGTCGTGGCGCGGT ACCGCGCCACGACCATATCACGGA 1715 TGTCTGTGTCATGGCACCTCGCAT ATGCGAGGTGCCATGACACAGACA 1716 AGGACTGCACTGTGACACGCCCGTG CAGCGCGCTGTACATGAGGATGG	1699	CCCGTTAACTCACGAGCGGTCAAT	ATTGACCGCTCGTGAGTTAACGGG
1702 ACATCGCGTCCGAGGGAGTTAGCG CGCTAACTCCCTCGGACGCGATGT 1703 AATGCCTAATCGAGCCAGCGGATC GATCCGCTGGCTCGATTAGGCATT 1704 CTCGATCTTTTTAAACCGGCGCTT AAGCGCCGGTTTAAAAAGATCGAG 1705 CGTTCCTGGAAGGCAGGGTCTCAC GTGAGACCCTGCCTTCCAGGAACG 1706 CCTGTGCTTACTATCGGCGATCCA TGGATCGCCGATAGTAAGCACAGG 1707 GTTAGTCGCCCTATTGGCCTGGTT AACCAGGCCAATAGGGCGACTAAC 1708 CCGGTGAGATGACTGTAAATGCCA TGGCATTTACAGTCATCTCACCGG 1709 CGTGGTTTAAAACATCGCGCTTCG CGAAGCGCGATGTTTTAAACCACG 1710 TAAGACGCAGAAGATGGGGTCCAC GTGGACCCCATCTTCTGCGTCTTA 1711 CACCACAGCTTCTTTGTTCGACCC GGGTCGAACAAAGAAGCTGTGGTG 1712 TCGGGTCCGTACCACCACTTTTGC GCAAAAGTGGTGGTACCGGACCCGA 1713 CCAAGCCCCGAGTACCACCACTTTTGC GCAAAAGTGGTGGTACCGGACCCGA 1714 TCCGTGATATGGTCGTGGCGCGGT ACCGCGCCACGACCATATCACGGA 1715 TGTCTGTGTCATGGCACCTCGCAT ATGCGAGGTGCCATGACACAGACA 1716 AGGACTGCACTGTGCACGTCTGAT ATCAGACGTGCACCAGTCCT 1717 CCATCCTCATGTACAGCGCCGCTG CAGCGGCCTTGACACAGGATGG	1700	AGAGAAGGTCATTGCCTGTCGGTG	CACCGACAGGCAATGACCTTCTCT
1703 AATGCCTAATCGAGCCAGCGGATC GATCCGCTGGCTCGATTAGGCATT 1704 CTCGATCTTTTTAAACCGGCGCTT AAGCGCCGGTTTAAAAAGATCGAG 1705 CGTTCCTGGAAGGCAGGGTCTCAC GTGAGACCCTGCCTTCCAGGAACG 1706 CCTGTGCTTACTATCGGCGATCCA TGGATCGCCGATAGTAAGCACAGG 1707 GTTAGTCGCCCTATTGGCCTGGTT AACCAGGCCAATAGGGCGACTAAC 1708 CCGGTGAGATGACTGTAAATGCCA TGGCATTTACAGTCATCTCACCGG 1709 CGTGGTTTAAAACATCGCGCTTCG CGAAGCGCGATGTTTTAAACCACG 1710 TAAGACGCAGAAGATGGGGTCCAC GTGGACCCCATCTTCTGCGTCTTA 1711 CACCACAGCTTCTTTGTTCGACCC GGGTCGAACAAAGAAGCTGTGGTG 1712 TCGGGTCCGTACCACCACTTTTGC GCAAAAGTGGTGGTACCGGA 1713 CCAAGCCCCGAGTACCGAAGATTT AAATCTTCGGTACTCGGGGCTTGG 1714 TCCGTGATATGGTCGTGGCGCGGT ACCGCGCCACGACCATATCACGGA 1715 TGTCTGTGTCATGGCACCTCGCAT ATGCGAGGTGCCATGACACAGACA 1716 AGGACTGCACTGTGCACGTCTGAT ATCAGACGTGCACGATGCT 1717 CCATCCTCATGTACAGCGCCGCTG CAGCGCTGTACATGAGGATGG	1701	CGGGCCCTCTTAAAGTAGAGCAGG	CCTGCTCTACTTTAAGAGGGCCCG
1704 CTCGATCTTTTAAACCGGCGCTT AAGCGCCGGTTTAAAAAGATCGAG 1705 CGTTCCTGGAAGGCAGGGTCTCAC GTGAGACCCTGCCTTCCAGGAACG 1706 CCTGTGCTTACTATCGGCGATCCA TGGATCGCCGATAGTAAGCACAGG 1707 GTTAGTCGCCCTATTGGCCTGGTT AACCAGGCCAATAGGGCGACTAAC 1708 CCGGTGAGATGACTGTAAATGCCA TGGCATTTACAGTCATCTCACCGG 1709 CGTGGTTTAAAACATCGCGCTTCG CGAAGCGCGATGTTTTAAACCACG 1710 TAAGACGCAGAAGATGGGGTCCAC GTGGACCCCATCTTCTGCGTCTTA 1711 CACCACAGCTTCTTTGTTCGACCC GGGTCGAACAAAGAAGCTGTGGTG 1712 TCGGGTCCGTACCACCACTTTTGC GCAAAAGTGGTGGTACCGGACCCGA 1713 CCAAGCCCCGAGTACCGAAGATTT AAATCTTCGGTACTCGGGGCTTGG 1714 TCCGTGATATGGTCGTGGCGCGGT ACCGCGCCACGACCATATCACGGA 1715 TGTCTGTGTCATGGCACCTCGCAT ATGCGAGGTGCCATGACACAAGACA 1716 AGGACTGCACTGTGCACGTCTGAT ATCAGACGTGCACAGTCCT 1717 CCATCCTCATGTACAGCGCCGCTG CAGCGGCGCTGTACATGAGGATGG	1702	ACATCGCGTCCGAGGGAGTTAGCG	CGCTAACTCCCTCGGACGCGATGT
1705 CGTTCCTGGAAGGCAGGGTCTCAC GTGAGACCCTGCCTTCCAGGAACG 1706 CCTGTGCTTACTATCGGCGATCCA TGGATCGCCGATAGTAAGCACAGG 1707 GTTAGTCGCCCTATTGGCCTGGTT AACCAGGCCAATAGGGCGACTAAC 1708 CCGGTGAGATGACTGTAAATGCCA TGGCATTTACAGTCATCTCACCGG 1709 CGTGGTTTAAAACATCGCGCTTCG CGAAGCGCGATGTTTTAAACCACG 1710 TAAGACGCAGAAGATGGGGTCCAC GTGGACCCCATCTTCTGCGTCTTA 1711 CACCACAGCTTCTTTGTTCGACCC GGGTCGAACAAAGAAGCTGTGGTG 1712 TCGGGTCCGTACCACCACTTTTGC GCAAAAGTGGTGGTACCGGACCCGA 1713 CCAAGCCCCGAGTACCGAAGATTT AAATCTTCGGTACTCGGGGCTTGG 1714 TCCGTGATATGGTCGTGGCGCGGT ACCGCGCCACGACCATATCACGGA 1715 TGTCTGTGTCATGGCACCTCGCAT ATGCGAGGTGCCATGACACAGACA 1716 AGGACTGCACTGTGCACGTCTGAT ATCAGACGTGCACTGCATGCACTGGATCCT 1717 CCATCCTCATGTACAGCGCCGCTG CAGCGGCGCTGTACATGAGGATGG	1703	AATGCCTAATCGAGCCAGCGGATC	
1706 CCTGTGCTTACTATCGGCGATCCA TGGATCGCCGATAGTAAGCACAGG 1707 GTTAGTCGCCCTATTGGCCTGGTT AACCAGGCCAATAGGGCGACTAAC 1708 CCGGTGAGATGACTGTAAATGCCA TGGCATTTACAGTCATCTCACCGG 1709 CGTGGTTTAAAACATCGCGCTTCG CGAAGCGCGATGTTTTAAACCACG 1710 TAAGACGCAGAAGATGGGGTCCAC GTGGACCCCATCTTCTGCGTCTTA 1711 CACCACAGCTTCTTTGTTCGACCC GGGTCGAACAAAGAAGCTGTGGTG 1712 TCGGGTCCGTACCACCACTTTTGC GCAAAAGTGGTGGTACCGGACCCGA 1713 CCAAGCCCCGAGTACCGAAGATTT AAATCTTCGGTACTCGGGGCTTGG 1714 TCCGTGATATGGTCGTGGCGCGGT ACCGCGCCACGACCATATCACGGA 1715 TGTCTGTGTCATGGCACCTCGCAT ATGCGAGGTGCCATGACACAGACA 1716 AGGACTGCACTGTGCACGTCTGAT ATCAGACGTGCACTGCAGTCCT 1717 CCATCCTCATGTACAGCGCCGCTG CAGCCGTGTACATGAGGATGG	1704	CTCGATCTTTTTAAACCGGCGCTT	AAGCGCCGGTTTAAAAAGATCGAG
1707 GTTAGTCGCCCTATTGGCCTGGTT AACCAGGCCAATAGGGCGACTAAC 1708 CCGGTGAGATGACTGTAAATGCCA TGGCATTTACAGTCATCTCACCGG 1709 CGTGGTTTAAAACATCGCGCTTCG CGAAGCGCGATGTTTTAAACCACG 1710 TAAGACGCAGAAGATGGGGTCCAC GTGGACCCCATCTTCTGCGTCTTA 1711 CACCACAGCTTCTTTGTTCGACCC GGGTCGAACAAAGAAGCTGTGGTG 1712 TCGGGTCCGTACCACCACTTTTGC GCAAAAGTGGTGGTACCGGACCCGA 1713 CCAAGCCCCGAGTACCGAAGATTT AAATCTTCGGTACTCGGGGCTTGG 1714 TCCGTGATATGGTCGTGGCGCGGT ACCGCGCCACGACCATATCACGGA 1715 TGTCTGTGTCATGGCACCTCGCAT ATGCGAGGTGCCATGACACAGACA 1716 AGGACTGCACTGTGCACGTCTGAT ATCAGACGTGCACAGTCCT 1717 CCATCCTCATGTACAGCGCCGCTG CAGCGCTGTACATGAGGATGG	1705	CGTTCCTGGAAGGCAGGGTCTCAC	GTGAGACCCTGCCTTCCAGGAACG
1708 CCGGTGAGATGACTGTAAATGCCA TGGCATTTACAGTCATCTCACCGG 1709 CGTGGTTTAAAACATCGCGCTTCG CGAAGCGCGATGTTTTAAACCACG 1710 TAAGACGCAGAAGATGGGGTCCAC GTGGACCCCATCTTCTGCGTCTTA 1711 CACCACAGCTTCTTTGTTCGACCC GGGTCGAACAAAGAAGCTGTGGTG 1712 TCGGGTCCGTACCACCACTTTTGC GCAAAAGTGGTGGTACGGACCCGA 1713 CCAAGCCCCGAGTACCGAAGATTT AAATCTTCGGTACTCGGGGCTTGG 1714 TCCGTGATATGGTCGTGGCGCGGT ACCGCGCCACGACCATATCACGGA 1715 TGTCTGTGTCATGGCACCTCGCAT ATGCGAGGTGCCATGACACAGACA 1716 AGGACTGCACTGTGCACGTCTGAT ATCAGACGTGCACAGTGCATTCACGGA 1717 CCATCCTCATGTACAGCGCCGCTG CAGCGCGCTGTACATGAGGATGG	1706	CCTGTGCTTACTATCGGCGATCCA	TGGATCGCCGATAGTAAGCACAGG
1709 CGTGGTTTAAAACATCGCGCTTCG CGAAGCGCGATGTTTTAAACCACG 1710 TAAGACGCAGAAGATGGGGTCCAC GTGGACCCCATCTTCTGCGTCTTA 1711 CACCACAGCTTCTTTGTTCGACCC GGGTCGAACAAAGAAGCTGTGGTG 1712 TCGGGTCCGTACCACCACTTTTGC GCAAAAGTGGTGGTACGGACCCGA 1713 CCAAGCCCCGAGTACCGAAGATTT AAATCTTCGGTACTCGGGGCTTGG 1714 TCCGTGATATGGTCGTGGCGCGGT ACCGCGCCACGACCATATCACGGA 1715 TGTCTGTGTCATGGCACCTCGCAT ATGCGAGGTGCCATGACACAGACA 1716 AGGACTGCACTGTGCACGTCTGAT ATCAGACGTGCACAGTCCT 1717 CCATCCTCATGTACAGCGCCGCTG CAGCGGCGCTGTACATGAGGATGG	1707	GTTAGTCGCCCTATTGGCCTGGTT	AACCAGGCCAATAGGGCGACTAAC
1710 TAAGACGCAGAAGATGGGGTCCAC GTGGACCCCATCTTCTGCGTCTTA 1711 CACCACAGCTTCTTTGTTCGACCC GGGTCGAACAAAGAAGCTGTGGTG 1712 TCGGGTCCGTACCACCACTTTTGC GCAAAAGTGGTGGTACCGGACCCGA 1713 CCAAGCCCCGAGTACCGAAGATTT AAATCTTCGGTACTCGGGGCTTGG 1714 TCCGTGATATGGTCGTGGCGCGGT ACCGCGCCACGACCATATCACGGA 1715 TGTCTGTGTCATGGCACCTCGCAT ATGCGAGGTGCCATGACACAGACA 1716 AGGACTGCACTGTGCACGTCTGAT ATCAGACGTGCACAGTCCT 1717 CCATCCTCATGTACAGCGCCGCTG CAGCGCGCTGTACATGAGGATGG	1708	CCGGTGAGATGACTGTAAATGCCA	
1711 CACCACAGCTTCTTTGTTCGACCC GGGTCGAACAAAGAAGCTGTGGTG 1712 TCGGGTCCGTACCACCACTTTTGC GCAAAAGTGGTGGTACGGACCCGA 1713 CCAAGCCCCGAGTACCGAAGATTT AAATCTTCGGTACTCGGGGCTTGG 1714 TCCGTGATATGGTCGTGGCGCGGT ACCGCGCCACGACCATATCACGGA 1715 TGTCTGTGTCATGGCACCTCGCAT ATGCGAGGTGCCATGACACAGACA 1716 AGGACTGCACTGTGCACGTCTGAT ATCAGACGTGCACAGTGCATGCT 1717 CCATCCTCATGTACAGCGCCGCTG CAGCGGCGCTGTACATGAGGATGG	1709	CGTGGTTTAAAACATCGCGCTTCG	CGAAGCGCGATGTTTTAAACCACG
1712 TCGGGTCCGTACCACCACTTTTGC GCAAAAGTGGTGGTACGGACCCGA 1713 CCAAGCCCCGAGTACCGAAGATTT AAATCTTCGGTACTCGGGGCTTGG 1714 TCCGTGATATGGTCGTGGCGCGGT ACCGCGCCACGACCATATCACGGA 1715 TGTCTGTGTCATGGCACCTCGCAT ATGCGAGGTGCCATGACACAGACA 1716 AGGACTGCACTGTGCACGTCTGAT ATCAGACGTGCACAGTGCATCT 1717 CCATCCTCATGTACAGCGCCGCTG CAGCGGCGCTGTACATGAGGATGG	1710	TAAGACGCAGAAGATGGGGTCCAC	GTGGACCCCATCTTCTGCGTCTTA
1713 CCAAGCCCGAGTACCGAAGATTT AAATCTTCGGTACTCGGGGCTTGG 1714 TCCGTGATATGGTCGTGGCGCGGT ACCGCGCCACGACCATATCACGGA 1715 TGTCTGTGTCATGGCACCTCGCAT ATGCGAGGTGCCATGACACAGACA 1716 AGGACTGCACTGTGCACGTCTGAT ATCAGACGTGCACAGTGCAGTCCT 1717 CCATCCTCATGTACAGCGCCGCTG CAGCGGCGCTGTACATGAGGATGG	1711	CACCACAGCTTCTTTGTTCGACCC	GGGTCGAACAAAGAAGCTGTGGTG
1714 TCCGTGATATGGTCGTGGCGCGGT ACCGCGCCACGACCATATCACGGA 1715 TGTCTGTGTCATGGCACCTCGCAT ATGCGAGGTGCCATGACACAGACA 1716 AGGACTGCACTGTGCACGTCTGAT ATCAGACGTGCACAGTGCATCT 1717 CCATCCTCATGTACAGCGCCGCTG CAGCGGCGCTGTACATGAGGATGG	1712	TCGGGTCCGTACCACCACTTTTGC	GCAAAAGTGGTGGTACGGACCCGA
1715 TGTCTGTGTCATGGCACCTCGCAT ATGCGAGGTGCCATGACACAGACA 1716 AGGACTGCACTGTGCACGTCTGAT ATCAGACGTGCACAGTGCAGTCCT 1717 CCATCCTCATGTACAGCGCCGCTG CAGCGGCGCTGTACATGAGGATGG	1713	CCAAGCCCCGAGTACCGAAGATTT	AAATCTTCGGTACTCGGGGCTTGG
1716 AGGACTGCACTGTGCACGTCTGAT ATCAGACGTGCACAGTGCAGTCCT 1717 CCATCCTCATGTACAGCGCCGCTG CAGCGGCGCTGTACATGAGGATGG	1714	TCCGTGATATGGTCGTGGCGCGGT	ACCGCGCCACGACCATATCACGGA
1717 CCATCCTCATGTACAGCGCCGCTG CAGCGGCGCTGTACATGAGGATGG	1715	TGTCTGTGTCATGGCACCTCGCAT	ATGCGAGGTGCCATGACACAGACA
	1716	AGGACTGCACTGTGCACGTCTGAT	ATCAGACGTGCACAGTCCT
1718 GTACCCGCGCCTTCCTCGACACAG CTGTGTCGAGGAAGGCGCGGGTAC	1717	CCATCCTCATGTACAGCGCCGCTG	CAGCGGCGCTGTACATGAGGATGG
	1718	GTACCCGCGCCTTCCTCGACACAG	CTGTGTCGAGGAAGGCGCGGGTAC

1719	ACGGGTCCTGGTCGACTAAGGCTT	AAGCCTTAGTCGACCAGGACCCGT
1720	CGTATCGAAGGCGTGTACAACCGG	CCGGTTGTACACGCCTTCGATACG
1721	TGCCGCCCTTTATGCAACGCTCA	TGAGCGTTGCATAAAGGGCGGGCA
1722	AAACTTACGAGACGGCGGCTGCCA	TGGCAGCCGCCGTCTCGTAAGTTT
1723	AAGTCTGACAAACGGAACGGGTGT	ACACCCGTTCCGTTTGTCAGACTT
1724	TAAGCGCAGACCAAAGTATGCGGC	GCCGCATACTTTGGTCTGCGCTTA
1725	GCAGTTTTCAGATCCTCCGCAAA	TTTGCGGAGGATCTGAAAAACTGC
1726	TCGGAAGCATTTACGCGATCTCAG	CTGAGATCGCGTAAATGCTTCCGA
1727	CACAGAAACGGTTGAACGAACGCC	GGCGTTCGTTCAACCGTTTCTGTG
1728	GCATGCTCAGATGGTCGTGCTCAC	GTGAGCACGACCATCTGAGCATGC
1729	AAGGATTCTCGCTTCCGGCATGAT	ATCATGCCGGAAGCGAGAATCCTT
1730	GGTGGGGTAGCGCTGGTATGAAAA	TTTTCATACCAGCGCTACCCCACC
1731	ATTATTACGGGACCGAACCAACGG	CCGTTGGTTCGGTCCCGTAATAAT
1732	GCGCGAGTGTCATGATGTTCACGT	ACGTGAACATCATGACACTCGCGC
1733	GACATTCGTGACTTGGTCGTCCGC	GCGGACGACCAAGTCACGAATGTC
1734	TCATTAGTGCAGGCACCGATCAAG	CTTGATCGGTGCCTGCACTAATGA
1735	GAGTTGTGCGGAGTCATCGGAGTC	GACTCCGATGACTCCGCACAACTC
1736	GCCTTTACAGATTTGGCGGGCTAT	ATAGCCCGCCAAATCTGTAAAGGC
1737	ATGGCGTTTGCGAAGTCGATACAG	CTGTATCGACTTCGCAAACGCCAT
1738	TGCATCGGCCTCAATCAGAGAACT	AGTTCTCTGATTGAGGCCGATGCA
1739	ACAATCATGGCAATCTGGCAAATG	CATTTGCCAGATTGCCATGATTGT
1740	GACGTGGAAGAGTGCAGATCAGCA	TGCTGATCTGCACTCTTCCACGTC
1741	AGGGCAGGGACGGACAGTAAGTC	GACTTACTGTCCGTCCCCTGCCCT
1742	GCATAGGGCGAATCTAGTACGGGC	GCCCGTACTAGATTCGCCCTATGC
1743	TCCGGCGCATCCTCATTAGCAACT	AGTTGCTAATGAGGATGCGCCGGA
1744	TGGCCGCTTCCACTAATATTGGAC	GTCCAATATTAGTGGAAGCGGCCA
1745	CCGGCGGACGGCTCTTGTCAATGA	TCATTGACAAGAGCCGTCCGCCGG
1746	CGAGCAACCCAAAAGGAAGCAGTA	TACTGCTTCCTTTTGGGTTGCTCG
1747	GCGTATGATTCGGCAATCCGCCAG	CTGGCGGATTGCCGAATCATACGC
1748	AGTACCGCTACAACGCTGGTTCGC	GCGAACCAGCGTTGTAGCGGTACT
1749	GGGCAGGCCAGGTCCACCTGAGAA	TTCTCAGGTGGACCTGGCCTGCCC
1750	CCACTTCTGTGACCGAACCGTGCT	AGCACGGTTCGGTCACAGAAGTGG
1751	CCTGGTACCAGGCAGCAGTTGATT	AATCAACTGCTGCCTGGTACCAGG
1752	TTAGGGTACCGTCGAGAGACGCCA	TGGCGTCTCTCGACGGTACCCTAA
1753	GGTTGCTTGTGCGCGTGAGGTAGT	ACTACCTCACGCGCACAAGCAACC
1754	TGCTTCGACCGATGAAACTCGAAG	CTTCGAGTTTCATCGGTCGAAGCA
1755	TGCCACCCATACTATGCCCAGTGG	CCACTGGGCATAGTATGGGTGGCA
1756	TGTGCGGCAACGCGTGAAGACGTT	AACGTCTTCACGCGTTGCCGCACA

1757	TGAGAGAAGCTGGCCTCGGATCAG	CTGATCCGAGGCCAGCTTCTCTCA
1758	TATTGCGAATTCGAGTACGTGCCC	GGGCACGTACTCGAATTCGCAATA
1759	CGAGAGGGGTTCCCCAGTGATCGA	TCGATCACTGGGGAACCCCTCTCG
1760	TGCCTGGGGTGTCGTTCTAATTCT	AGAATTAGAACGACACCCCAGGCA
1761	GTGCGTCATTGTGGGTCATCCCAA	TTGGGATGACCCACAATGACGCAC
1762	AGGGCTCCCAGCATACCAACGTTG	CAACGTTGGTATGCTGGGAGCCCT
1763	AACTAGCCGCACCTTTGTGCAGAG	CTCTGCACAAAGGTGCGGCTAGTT
1764	TTAGCCCAGCCCTTCAATGGGAAC	GTTCCCATTGAAGGGCTGGGCTAA
1765	CGGCCTCGGTTGTACGGGTAGTCT	AGACTACCCGTACAACCGAGGCCG
1766	TCTTTGAGGCGCGGACCCGCATAT	ATATGCGGGTCCGCGCCTCAAAGA
1767	GATGGTTCGCCCTTGTGTCGCAGC	GCTGCGACACAAGGGCGAACCATC
1768	GAGATTCAATACAGGCCGCGGGTC	GACCCGCGGCCTGTATTGAATCTC
1769	AGGGCGAAGGAAGGTTCCGTTTTT	AAAAACGGAACCTTCCTTCGCCCT
1770	CTCGACCCCTGCCACTACTGGTTC	GAACCAGTAGTGGCAGGGGTCGAG
1771	TGTTCCGCGGTCTACGCATTACTG	CAGTAATGCGTAGACCGCGGAACA
1772	GAGACGACGTCCTACACCCGCTAA	TTAGCGGGTGTAGGACGTCGTCTC
1773	AGATTGCGACAGCGACACGTGATT	AATCACGTGTCGCTGTCGCAATCT
1774	GATACCGTTGGGCATTTCTCGGTA	TACCGAGAAATGCCCAACGGTATC
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1776	AGGAGGAAACGAGGCGTAGGTTC	GAACCTACGCCCTCGTTTCCTCCT
1777	GCCAAACAACGTCTGACGCCTAGC	GCTAGGCGTCAGACGTTGTTTGGC
1778	TTTAATGCGGAAAGGATGCACGCG	CGCGTGCATCCTTTCCGCATTAAA
1779	TTATCGGCCGTTAAAATGGGATGG	CCATCCCATTTTAACGGCCGATAA
1780	CCTTGGATTCGTTCATCGCTAGCA	TGCTAGCGATGAACGAATCCAAGG
1781	AAGTGAACGTGCAGTGGTCTTCGA	TCGAAGACCACTGCACGTTCACTT
1782	TCCTTACCCCTCGTTCAAACGCCT	AGGCGTTTGAACGAGGGGTAAGGA
1783	ATTCCTGAACCATGCATGGCCTGT	ACAGGCCATGCATGGTTCAGGAAT
1784	AGCGAGACGCTCGATCACGAACTA	TAGTTCGTGATCGAGCGTCTCGCT
1785	GCTGGTCTGGCTCGCTGTTTAGAA	TTCTAAACAGCGAGCCAGACCAGC
1786	CGTGCGCGCATAAAGATAGGTCT	AGACCTATCTTTATGCCGCGCACG
1787	TCTGGCACTCACATCGGACAGTCT	AGACTGTCCGATGTGAGTGCCAGA
1788	ACCATTGGAGGACCACAGAGCTCC	GGAGCTCTGTGGTCCTCCAATGGT
1789	TCCAGGGTCGGAGTACATGGCGGG	CCCGCCATGTACTCCGACCCTGGA
1790	ATATGCCGTCGGATCGTACACGCA	TGCGTGTACGATCCGACGGCATAT
1791	TGCTGGCGTCAACACTTCCCGATT	AATCGGGAAGTGTTGACGCCAGCA
1792	CAGGGCGGTGCGGTGAACTAGCCA	TGGCTAGTTCACCGCACCGCCCTG
1793	CATGGACTGCCGTACATCAGCTGG	CCAGCTGATGTACGGCAGTCCATG
1794	CCGGCCATACGCTGGCAAGATTAC	GTAATCTTGCCAGCGTATGGCCGG

1795	AGCGGACACCTGTACTCTCCTCCA	TGGAGGAGAGTACAGGTGTCCGCT
1796	GGAGCCACACCAGTCGAAGATGGT	ACCATCTTCGACTGGTGTGGCTCC
1797	CGCCACCGGAAATTGAAAAGACTG	CAGTCTTTTCAATTTCCGGTGGCG
1798	TGAAACGGATGTTGCTTCTTGACG	CGTCAAGAAGCAACATCCGTTTCA
1799	TTGAAGCGGTGAAGAGCCTGTCCT	AGGACAGGCTCTTCACCGCTTCAA
1800	CGAACCAAGCTGCATTGTCAGTGG	CCACTGACAATGCAGCTTGGTTCG
1801	GAGTCTGCGCTTGCAATCTTTGCG	CGCAAAGATTGCAAGCGCAGACTC
1802	GCTGGGTATAGTTGCCTGGCAATG	CATTGCCAGGCAACTATACCCAGC
1803	GCAGGCGTTCCATATTCGCAACCC	GGGTTGCGAATATGGAACGCCTGC
1804	GCGCCAACTAATACCTCCACCGCG	CGCGGTGGAGGTATTAGTTGGCGC
1805	TGGCGTTCAGTGCAACGCTGGTTA	TAACCAGCGTTGCACTGAACGCCA
1806	CAAAACTGACGGGTATGGGAGCGC	GCGCTCCCATACCCGTCAGTTTTG
1807	AGGTGTCGCTGGAACCCGACTTGT	ACAAGTCGGGTTCCAGCGACACCT
1808	CTTCCAAAAGCGCAATTGGCTTTG	CAAAGCCAATTGCGCTTTTGGAAG
1809	TCGGGCTTCTCGCAATTCTGTCAG	CTGACAGAATTGCGAGAAGCCCGA
1810	GCCAAAAGAATGCGCTGGGTAGGT	ACCTACCCAGCGCATTCTTTTGGC
1811	TGGTGCCCGCACCGAGAGACTGTA	TACAGTCTCTCGGTGCGGGCACCA
1812	CGAGGCCGTAGTGGGGACTGCTCT	AGAGCAGTCCCCACTACGGCCTCG
1813	CGATCTGCGCATAGAGGGGACTTT	AAAGTCCCCTCTATGCGCAGATCG
1814	TGTGCAATCGGCCTTCTCAGAGCC	GGCTCTGAGAAGGCCGATTGCACA
1815	GATCACCTGGACCGCTACCGTTTT	AAAACGGTAGCGGTCCAGGTGATC
1816	ATGGGGAGTTAAGGACCCTGCACC	GGTGCAGGGTCCTTAACTCCCCAT
1817	CATTGTGGACAGCCAATGGTGGCT	AGCCACCATTGGCTGTCCACAATG
1818	CCATCACCATGCCACGGTAAGATC	GATCTTACCGTGGCATGGTGATGG
1819	GCACCCGTGTCGTTGGTTAGCAAG	CTTGCTAACCAACGACACGGGTGC
1820	GGAGTGGGTTCCGCGAATTCACTG	CAGTGAATTCGCGGAACCCACTCC
1821	GGGGATTTCCTTTCGCAGGCTCGA	TCGAGCCTGCGAAAGGAAATCCCC
1822	CATTGATCATGTGCACTTGCACCA	TGGTGCAAGTGCACATGATCAATG
1823	AGCAGCGCTGCGCTTGTTTCGGAT	ATCCGAAACAAGCGCAGCGCTGCT
1824	CGAGTAACGCGGTTGCTTTGCGAA	TTCGCAAAGCAACCGCGTTACTCG
1825	TGGCCTGGAACATAGGTGGAACTC	GAGTTCCACCTATGTTCCAGGCCA
1826	CGCACACCAAGCGTTTATTGAGAA	TTCTCAATAAACGCTTGGTGTGCG
1827	TCACCTTCACAGTGGGCATACAGC	GCTGTATGCCCACTGTGAAGGTGA
1828	CAAATATCCCTGAGCCCTCGAGCT	AGCTCGAGGGCTCAGGGATATTTG
1829	GGGAGCTGGTGAGCAGATGTAACG	CGTTACATCTGCTCACCAGCTCCC
1830	AGGATTGCTTTTGCGTTATGCGGA	TCCGCATAACGCAAAAGCAATCCT
1831	ATCGTTTGGGCGCTACGCAATTGT	ACAATTGCGTAGCGCCCAAACGAT
1832	CCGATTTGTCCCAAATGCAACGTT	AACGTTGCATTTGGGACAAATCGG

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1833 IAAGGGTCAAGCTCATGGAGCGGAA ITTCCGCTCCATGAGCTTGA	COOTT
1834 TCTGACGTCGTTCAAGGGCTCGCT AGCGAGCCCTTGAACGACG	
1835 CGCACCACTCCGAGGTATTTGTCT AGACAAATACCTCGGAGTG	GTGCG
1836 AAGGGGTGAAAAAGGAGAAGCCGA TCGGCTTCTCCTTTTTCACC	CCCTT
1837 AAACCACGCAAATGGCGATACCAT ATGGTATCGCCATTTGCGT	GGTTT
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1839 CATGACGAGAGCGGACCTGAAGTG CACTTCAGGTCCGCTCTCG	TCATG
1840 CTGGACATGTTTGTTTCGCCACTG CAGTGGCGAAACAAACATG	TCCAG
1841 AAGACCGACTCTCGTCGTTTGCAC GTGCAAACGACGAGAGTCC	GTCTT
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1843 CACTGACCGGACCCAACCTAACAT ATGTTAGGTTGGGTCCGGT	CAGTG
1844 AGTGCAAGTCTAGACACGCCCGAG CTCGGGCGTGTCTAGACTT	GCACT
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1846 GGTCGTCCCGAAACGTAAACGAGG CCTCGTTTACGTTTCGGGA	CGACC
1847 GACTAGTACGATCACGGGGCGGGT ACCCGCCCCGTGATCGTAC	TAGTC
1848 CCGACCTGACCCTGTGTACAGGTT AACCTGTACACAGGGTCAG	GTCGG
1849 TGCTCACTGCCCACACTGTTATGG CCATAACAGTGTGGGCAGT	GAGCA
1850 CGAGGAAACACATTTCTTCGGGCC GGCCCGAAGAAATGTGTTT	CCTCG
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1852 GAGGCACGGTGATAGTGGTTGTGC GCACAACCACTATCACCGT	GCCTC
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1855 ATGGCGTGTCAGCGAACTGCCTGG CCAGGCAGTTCGCTGACAC	GCCAT
1856 CAATGCAGCTCGGAAGTCAGGTCG CGACCTGACTTCCGAGCTG	CATTG
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1858 CACATCTTGGCTGTCACCCGAGAA TTCTCGGGTGACAGCCAAG	ATGTG
1859 CGCATTATCACCTCAATGCCAGTG CACTGGCATTGAGGTGATA	ATGCG
1860 ACATCCGCAGACTCCCTATAGCCC GGGCTATAGGGAGTCTGCC	GGATGT
1861 GTGAACCCGAACGAGGGGAGTCTC GAGACTCCCCTCGTTCGGG	STTCAC
1862 GCGTAGGGAATTTGCCTCACGACT AGTCGTGAGGCAAATTCCC	TACGC
1863 TTTACGCGTCGCTCGGTTGTAGTG CACTACAACCGAGCGACGC	GTAAA
1864 GAGAGGCGTCTAGGCGGTTCTAGC GCTAGAACCGCCTAGACGC	СТСТС
1865 GCATGCTGATAACGAATGCTTCCC GGGAAGCATTCGTTATCAG	CATGC
1866 CTGAAGCTCGTGTGCGATGAGGGA TCCCTCATCGCACACGAGC	TTCAG
1867 ACAACGGCATGAGGAGGCTTTTTC GAAAAAGCCTCCTCATGCC	GTTGT
1868 TTTGGAGACGCCAGTACGCGTGGT ACCACGCGTACTGGCGTCT	CCAAA
1869 GCTATCATTTGGTGTAAGCCCGCC GGCGGGCTTACACCAAATG	SATAGC
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1871	TTCGATGTAATCCCCAAAGATGCC	GGCATCTTTGGGGATTACATCGAA
1872	GGACCTTCGGCAGGTTATCGCCGT	ACGGCGATAACCTGCCGAAGGTCC
1873	AGTAAGAAGAGGCAGGCCCACCT	AGGTGGGCCTGCCTCTTCTTACT
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1875	CCTATACCGTCGTGGTTCCACGTT	AACGTGGAACCACGACGGTATAGG
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1877	AAATGGGCCAGTGAAATCCTTGGT	ACCAAGGATTTCACTGGCCCATTT
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1879	CCGCTTGAGGTTCAGGTCAGAGCT	AGCTCTGACCTGAACCTCAAGCGG
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1881	ACCTGAACCAGGGCGATTGCTTTA	TAAAGCAATCGCCCTGGTTCAGGT
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1883	TGTTTCGCGACTAGAAGCCTTTGC	GCAAAGGCTTCTAGTCGCGAAACA
1884	GAAGTTGGCGGCTCACCCGTATTA	TAATACGGGTGAGCCGCCAACTTC
1885	TGGCTACACCGCTTAGGAGGAACC	GGTTCCTCCTAAGCGGTGTAGCCA
1886	CCACAGTTGCGTGACTTACATCGC	GCGATGTAAGTCACGCAACTGTGG
1887	ACTGCCACTGCGTCTGAAGAGTGG	CCACTCTTCAGACGCAGTGGCAGT
1888	GCGCCAGCAAATTTCGTGTGGTGT	ACACCACACGAAATTTGCTGGCGC
1889	TGCCTCCGTCGAGCCGAATAGCCA	TGGCTATTCGGCTCGACGGAGGCA
1890	GTACAAACGGGCGCTATTTCGTCC	GGACGAAATAGCGCCCGTTTGTAC
1891	GCTTCCCTGGCTCTGAACGGAAAC	GTTTCCGTTCAGAGCCAGGGAAGC
1892	CGGCTACCCAGGCAGATAAGCTGA	TCAGCTTATCTGCCTGGGTAGCCG
1893	GGTTGGACCCGACAGGGAATTTCC	GGAAATTCCCTGTCGGGTCCAACC
1894	GGGGAATACCCGGCGTTTGTAATA	TATTACAAACGCCGGGTATTCCCC
1895	TGGTTCGGTGAGGTTATGTTCGGT	ACCGAACATAACCTCACCGAACCA
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1897	TTCGGAGTGTGCCGGTGCTAGTAC	GTACTAGCACCGGCACACTCCGAA
1898	TCGTACTGGAATGATGGCCGGGCC	GGCCCGGCCATCATTCCAGTACGA
1899	TCCGTCGACCGTCCAGCGAAGTTT	AAACTTCGCTGGACGGTCGACGGA
1900	AGGGAATATAACAACACCGCGCAC	GTGCGCGGTGTTGTTATATTCCCT
1901	ATGTCCCGGAAACCAGCTACCTCA	TGAGGTAGCTGGTTTCCGGGACAT
1902	ACCAGCGACTTAGATAGCCGTCCG	CGGACGCTATCTAAGTCGCTGGT
1903	GGAAAACCTCCTTTGCGTCAACCA	TGGTTGACGCAAAGGAGGTTTTCC
1904	ACGTGCGTGCATACCCAAGAGGAC	GTCCTCTTGGGTATGCACGCACGT
1905	ACGCCACTTTCCCTAGAACCAACG	CGTTGGTTCTAGGGAAAGTGGCGT
1906	CGAAGTACGCAATAGTGCCACCCT	AGGGTGGCACTATTGCGTACTTCG
1907	GATCCCGGCGGATCACCTATCAAT	ATTGATAGGTGATCCGCCGGGATC
1908	AGAAAGCGACCGTTTCAGGCTAGC	GCTAGCCTGAAACGGTCGCTTTCT

1909	CGCTCCCTTTCATAGTCCTCTCCG	CGGAGAGGACTATGAAAGGGAGCG
1910	GTGGGTGGTCATAACGACAGCAGA	TCTGCTGTCGTTATGACCACCCAC
1911	CTGGAGGCTGCATCGTTCGTAACA	TGTTACGAACGATGCAGCCTCCAG
1912	CACCATGAGTTTCGGAGCGAGGAT	ATCCTCGCTCCGAAACTCATGGTG
1913	CAAGCTGCGTTCGATGAGAGATTG	CAATCTCTCATCGAACGCAGCTTG
1914	CCTGGGAGCAATGACCGCTCTGGT	ACCAGAGCGGTCATTGCTCCCAGG
1915	TCCGGCGCTCTACCAAGATGAGAC	GTCTCATCTTGGTAGAGCGCCGGA
1916	CGACCGCGTCGCGTATACTATCCG	CGGATAGTATACGCGACGCGGTCG
1917	AACATTCGCTAGTGGGGTCCAACA	TGTTGGACCCCACTAGCGAATGTT
1918	TGTATGATCATCCGACCGAGCAGC	GCTGCTCGGTCGGATGATCATACA
1919	AGTGCGCCGAGAGGGTGAATAGAC	GTCTATTCACCCTCTCGGCGCACT
1920	AGGCTTGTTCTGGACCAGCACCAT	ATGGTGCTGGTCCAGAACAAGCCT
1921	GGGGCCACATAAAGAATTCCGAAC	GTTCGGAATTCTTTATGTGGCCCC
1922	TGGTGAAGATAAATCCGCATGGCA	TGCCATGCGGATTTATCTTCACCA
1923	ATTTCCACCACGCTCTTGCCAAAT	ATTTGGCAAGAGCGTGGTGGAAAT
1924	CGCGTAAAGCTGTCACCGATGACC	GGTCATCGGTGACAGCTTTACGCG
1925	TCCCCAACCGGTAACAACAGCGAC	GTCGCTGTTGTTACCGGTTGGGGA
1926	CCTCTGCTCGCCTTACACCCATGG	CCATGGGTGTAAGGCGAGCAGAGG
1927	CAAGCTGCTCCTGTGCTGAAGGGC	GCCCTTCAGCACAGGAGCAGCTTG
1928	AAACGAACGATGGTCGGTAGACCG	CGGTCTACCGACCATCGTTCGTTT
1929	TCAGTTCGATGGCTATTGCGCCTC	GAGGCGCAATAGCCATCGAACTGA
1930	GGCTCTCAACGGACGCAAATCATA	TATGATTTGCGTCCGTTGAGAGCC
1931	AGTAGAGTGTTGCGGCTGCCGATC	GATCGGCAGCCGCAACACTCTACT
1932	AGACACTAGACCGCCGTGACCTGA	TCAGGTCACGGCGGTCTAGTGTCT
1933	ACCGAGCACCGAATTTCCTTGTCC	GGACAAGGAAATTCGGTGCTCGGT
1934	CCGTGGCCAAGATACGAACGAATT	AATTCGTTCGTATCTTGGCCACGG
1935	CCTCCTACAGCATCCACATGAGGG	CCCTCATGTGGATGCTGTAGGAGG
1936	CACTCGGCAAATACGTATGCGCAT	ATGCGCATACGTATTTGCCGAGTG
1937	ACCGAGTTGAAGCACGAATTTGGG	CCCAAATTCGTGCTTCAACTCGGT
1938	GACCACCTCGGAAGATCGTTCTGC	GCAGAACGATCTTCCGAGGTGGTC
1939	TCAACTGGGCAAACGAAGAGCACA	TGTGCTCTTCGTTTGCCCAGTTGA
1940	GCTTAGCCTCACACGTGCATACCA	TGGTATGCACGTGTGAGGCTAAGC
1941	CTGCGGTCTCCAAGTACCATTTCG	CGAAATGGTACTTGGAGACCGCAG
1942	GTTCCGTATTACGGCGGCCATAAG	CTTATGGCCGCCGTAATACGGAAC
1943	ATCGACGCAACCGGATAGTCTCTG	CAGAGACTATCCGGTTGCGTCGAT
1944	CGCAGATAAACCGGCATCTTTCAG	CTGAAAGATGCCGGTTTATCTGCG
1945	ACCTGCCAATACGGGTCTACGGTT	AACCGTAGACCCGTATTGGCAGGT
1946	ACACCTGTTGCCATGCTGATCCGT	ACGGATCAGCATGGCAACAGGTGT

		I COCCA ATTOCCCCA CTA CA CA CA CTTT
1947	AAACTGTCTACTGCGCAATTCCGC	GCGGAATTGCGCAGTAGACAGTTT
1948	GCAACTAGCCCGTGCTAGGATCGT	ACGATCCTAGCACGGGCTAGTTGC
1949	TCGTAGTGGTGGATTGTTGTGCGT	ACGCACAACAATCCACCACTACGA
1950	GGCTTACTCCTCAATTGCGACACG	CGTGTCGCAATTGAGGAGTAAGCC
1951	CACGACTCCCTGCCAGATTTGATT	AATCAAATCTGGCAGGGAGTCGTG
1952	CTTAGACGTCGGCAATGTCACGTC	GACGTGACATTGCCGACGTCTAAG
1953	CTCAGAGCACAATCTGCCCTGCCT	AGGCAGGCAGATTGTGCTCTGAG
1954	GCTAGGAAAGTCGGCATTCATGGG	CCCATGAATGCCGACTTTCCTAGC
1955	AAAGCCCCAAAATTCCGCCTAACC	GGTTAGGCGGAATTTTGGGGCTTT
1956	GCGCAACGCTAAGGGACTATCAAG	CTTGATAGTCCCTTAGCGTTGCGC
1957	CGTCCGCTGGGATGAGTCTCCTGC	GCAGGAGACTCATCCCAGCGGACG
1958	ACAGGCCTCGTGATTGGTGTGGGT	ACCCACACCAATCACGAGGCCTGT
1959	CATTCTCCTTCCGGGACCACGCCT	AGGCGTGGTCCCGGAAGGAGAATG
1960	TCGGAGTTGACCAAGCTCAGTGCG	CGCACTGAGCTTGGTCAACTCCGA
1961	ACGCGCCACTGCAATTGCAAACAC	GTGTTTGCAATTGCAGTGGCGCGT
1962	AGTTCATGGAGCCGGCGTATTGTT	AACAATACGCCGGCTCCATGAACT
1963	ACGTTTAATGCGGGGCCCGCCTAC	GTAGGCGGGCCCCGCATTAAACGT
1964	TGAGGCTTTAGCCTACGCGCAGGT	ACCTGCGCGTAGGCTAAAGCCTCA
1965	CAGCGTTATGAGCGCGGAGTTTAT	ATAAACTCCGCGCTCATAACGCTG
1966	GTCCACGTGACCACGGATAGTTGG	CCAACTATCCGTGGTCACGTGGAC
1967	GATTATGCTCCTACGCCTGCTCCG	CGGAGCAGGCGTAGGAGCATAATC
1968	TCGTCAAGGGCATGATGTGTGGGA	TCCCACACATCATGCCCTTGACGA
1969	GATGGACCGCCAAAGACACCTTGA	TCAAGGTGTCTTTGGCGGTCCATC
1970	TACACGAGGATGGGGTCAAGCTTT	AAAGCTTGACCCCATCCTCGTGTA
1971	ACACGCACAAAACGTTTGAAAGGC	GCCTTTCAAACGTTTTGTGCGTGT
1972	GTTATCGTGGGCCGATGGTACTGA	TCAGTACCATCGGCCCACGATAAC
1973	ACATGACCGTATCCGCCTGCTTCG	CGAAGCAGGCGGATACGGTCATGT
1974	GAAGGCGAACCACTGAAACTACGC	GCGTAGTTTCAGTGGTTCGCCTTC
1975	TGACTTTTGCAACGGGTGGAACCA	TGGTTCCACCCGTTGCAAAAGTCA
1976	TGAATTCGTAGGTTTTGGGTGCGG	CCGCACCCAAAACCTACGAATTCA
1977	AGCATTTATGAAGCGGCCATTGCG	CGCAATGGCCGCTTCATAAATGCT
1978	TGCTCCTCGCGTTGGTACCGTGAG	CTCACGGTACCAACGCGAGGAGCA
1979	CGCAGCAAGAAACAGCAACTGTTG	CAACAGTTGCTGTTTCTTGCTGCG
1980	AGACGCTTGGAGTGAAAACTCGGA	TCCGAGTTTTCACTCCAAGCGTCT
1981	CATTCGTAGAATGCCCCAAATGGA	TCCATTTGGGGCATTCTACGAATG
1982	CCAGAAGGTTCGGGACCCGTCGTG	CACGACGGGTCCCGAACCTTCTGG
1983	GAGAAGCCGGTTCTCAGAGCACAT	ATGTGCTCTGAGAACCGGCTTCTC
1984	TTGCGTTGCAAGATATCTGGCCCG	CGGGCCAGATATCTTGCAACGCAA

1985	GGGTTGCATGTTCAGGCAAGACGA	TCGTCTTGCCTGAACATGCAACCC
1986	CTCACGAAGGTGACATATCACGCC	GGCGTGATATGTCACCTTCGTGAG
1987	GCCCGAGATACGGGTTCAAAAAGA	TCTTTTGAACCCGTATCTCGGGC
1988	CATCTTCGCGCTTCTTCACTCCGC	GCGGAGTGAAGAAGCGCGAAGATG
1989	TTACACGGTAAGCGTACGGCCGCC	GGCGGCCGTACGCTTACCGTGTAA
1990	ACCTTCGGACAATGTGGCGTTCGC	GCGAACGCCACATTGTCCGAAGGT
1991	TGAATGGTTCTGCTAGGCCCACAC	GTGTGGCCTAGCAGAACCATTCA
1992	CACGCCTGTCTGACATATGGATGC	GCATCCATATGTCAGACAGGCGTG
1993	CGCCTCAACCCAATCTGAGAACGT	ACGTTCTCAGATTGGGTTGAGGCG
1994	TTACGCTTACTGCGAGCTGGGTCC	GGACCCAGCTCGCAGTAAGCGTAA
1995	GGCTTGTGGGGCAATACGCATCTT	AAGATGCGTATTGCCCCACAAGCC
1996	CACTCTCCTTTGGATGCGGAACAA	TTGTTCCGCATCCAAAGGAGAGTG
1998	GACCAGCCATCACGTAACGGCCCT	AGGGCCGTTACGTGATGGCTGGTC
1999	AGGAACCGGATGTGGTTATGGAGC	GCTCCATAACCACATCCGGTTCCT
2000	ATCCATGGGCAACTGAGCCTATGC	GCATAGGCTCAGTTGCCCATGGAT
2001	GGAACAGCACTTGTTACCGCCCAC	GTGGGCGGTAACAAGTGCTGTTCC
2002	TGGCTCGCTTCAAGCCTGTTTGCT	AGCAAACAGGCTTGAAGCGAGCCA
2003	CAAACGTGAGGTCATGACCACCAT	ATGGTGGTCATGACCTCACGTTTG
2004	ACCGATGTCTTGAAGTCCGGAGGT	ACCTCCGGACTTCAAGACATCGGT
2005	CGAAAATGCATGATGATCTCCCCT	AGGGAGATCATCATGCATTTTCG
2006	TTTGGTATTCTCGCTGCACCGTTG	CAACGGTGCAGCGAGAATACCAAA
2007	GCGTACTCAACCACATTCCCGACC	GGTCGGGAATGTGGTTGAGTACGC
2008	AGCAAACAACAGCGGTCCGAGCAT	ATGCTCGGACCGCTGTTGTTTGCT
2009	GGACTAGGAGCGGGGATAGCTGAG	CTCAGCTATCCCCGCTCCTAGTCC
2010	CCTTAACGAAAACCTGTCGACCGC	GCGGTCGACAGGTTTTCGTTAAGG
2011	CTCGATCGCATAAGCAAGAAACCG	CGGTTTCTTGCTTATGCGATCGAG
2012	CCCGTTGTTTGGGCGACAAAAGT	ACTTTTTGTCGCCCAAACAACGGG
2013	CGGCGGCTCTCGCATGATCTCGTT	AACGAGATCATGCGAGAGCCGCCG
2014	CGGATGGAGAGGAGTCTACGTCCC	GGGACGTAGACTCCTCTCCATCCG
2016	CAGAACAATATCGTGCGTCAACCG	CGGTTGACGCACGATATTGTTCTG
2017	CCTTTGCGCGCTCCGAGTAAGGTA	TACCTTACTCGGAGCGCGCAAAGG
2018	GGAAACGGCACCTATCTGTCGTGA	TCACGACAGATAGGTGCCGTTTCC
2019	CGACCGACAAAACCAAATGCCGCC	GGCGGCATTTGGTTTTGTCGGTCG
2020	CCAAGGGTGTGGGAGCTGAAGAGA	TCTCTTCAGCTCCCACACCCTTGG
2021	TTAAGTGCGCATAGTCCTCGTGGG	CCCACGAGGACTATGCGCACTTAA
2022	GCCTGGTGGGGTAAGTCATGATGC	GCATCATGACTTACCCCACCAGGC
2023	GAGCAGCAGATTGATGCGCTTATG	CATAAGCGCATCAATCTGCTGCTC
2024	TGCGCCAACTTCCGGAATATTTGC	GCAAATATTCCGGAAGTTGGCGCA

2025 ACCCCATCATGAAATGCTCTCCG CGGAGAGCATTTCATGATGAGGGTT 2026 GTCCAACGGTACTGGCGTGATGTT ACATCACGCCAGTACCGTTGGAC 2027 ACTCGGCTGATCGTGAGATGGT TCACCATCACGCAGTACCGGTGGAC 2028 ATTCGTGGGCGCATCTCGGAATGT ACATTCCGAGATCAGCCGAGT 2029 TCCCGTCCTGTAATCCAGGGAACA TGTTCCCTGGATTACAGGACGGAC 2030 CTTCGCTGCACCTACATTGCGCCA TGGCGCAATTACAGGACGGAAG 2031 GCGTGTAGATGACTGTGCTTTTGGG 2022 CTATGGTACCAGTGACATTGCGCCA TGGCGCAATGTAGAGTGCAGCAAG 2033 CCTCGTACTCCAGCTGTATCCAGGCGA 2032 CTATGGTACCAGTGACTTTGGG 2033 CCTCGTACTCCGTCGTATGCACAA TTGTGCATACACAGC 2034 TGGTGCGTCCGTATGCACAA TTGTGCATACCATCACAGC 2035 CGCGATCCTGGTTTGAAAGCTTTCC 2036 ACGATCCAGGTGTTGAAAGCTTTCC 2036 ACGATCCAGTTGGACCACAA TTGTGCATACCAGAGCACCAACGACCACCAGCACCAA 2037 CCAATCTAGGTTGAAAGCTTTCC 2038 GATACGTGGGGGACTAAGG CTACGACCACCACGTCGT 2039 CATGGAACAAACCACGCCCC CGGGCCTGGTTATCCTCGATTCCTGATTCC 2039 CATGGAACAAACCGTCGTAGGGAC 2030 CATGGAACAAACCGTCGACAGACCCC 2030 CAATCTAGGATCACACACGCCCC 2030 CATGGAACAAACCGTCGTAGGGAA TCCCCCAACACCCTGGATCGT 2031 CCAATCTAGGATACACACACGCCCC 2032 CATGGAACAAACCGTCGTAGGGGA TCCCCTACGACGGTTTGTCCATG 2034 CACCTCGCAGATATCCACACGCCCC 2036 CACCACCACACACCCCGCAGACTACCCACACACCTGATCC 2037 CAATCACACACGCCCCC 2038 CATGGAACAAACCGTCGTAGGGGA TCCCCTACGACGGTTTGTCCATG 2040 ACACTCGCACATATCCACCGCCACGACCCCGAATACCCCACGAGATC 2041 CTCAGTCTCGAAGGTGATCCGTCCT ACGACCACACCCGCACATGC 2042 TCCCAATCCCCCTGGTATCCGTCCT ACGACCACCACGAGACTACCTTCGAGACTGAG 2043 AATCAACGTAGTTCCGCCC CGGACCACCCGGAACTACCATTGAGA 2044 CTTAACAACCCAGGGGTTTGGGCT ACGACCACCACGAGCGTTAGAC 2045 TTATTTGGTGGCGACGAGTGAT ACCACCCTGGGTTTTTAAG 2046 CTACCCGTCGACACCCCGGACCTACACCTTGATT 2041 CTTAATTGATGGCCGACCC CGGACCACCCGGAACTACCACTTCAACCCCTTCAACCCTTCAACCCCTTCGAGACTACCACCCCTGGATTCAACCCCTGGACCACCCCACAACACCCCTGGATTCAACCCCCACACCACCACACCACCCCACACACA			
2027 ACTCGGCTGATCGTGAGATGGTGA 2028 ATTCGTGGGCCACTCCGGAATGT 2029 TCCCGTCCTGTAATCCAGGGAACA 2030 CTTCGCTGCACCTACATTGCGCCA 2031 GCGTGAACCTACATTGCGCCA 2031 GCGTGTAGACCTGACTTTGGG 2032 CTATGGTATCCAGGGAACA 2033 CCTCGTCACTCGTATCCACTTTGGG 2034 TGGTGCACCTACATTGCGCCA 2035 CCTCGTACTCCGTCGTATGCACAA 2036 CTTCGCTGCACCTACATTGCGCCA 2037 CTATGGTATCGACACACTGGCGGA 2038 CCTCGTACTCCGTCGTATGCACAA 2038 CCTCGTACTCCGTCGTATGCACAA 2039 CTTGGTACTCGTCGTATGCACAA 2030 CTCGGACCCTACATTGCACAA 2031 TGGTGCGTCCGTAGTCACAA 2032 CTATGGATCACGTGGCACT 2033 CCCGGATCCTAGTGAAAGCTTTGC 2034 TGGTGCGTCCGTAGTGCACAA 2035 CGCGATCCTAGTGAAAGCTTTGC 2036 ACGATCCAGGTGTTGGGCACTAAG 2037 CCAATCTAGGATACACCACGCCCC 2038 ACGATCCAGGTTTGGGCACTAAG 2039 CAATCAGGATTACACCACGCCCC 2039 GATACCAGGTTTAGGCACCACGCCCC 2039 CATGGAACAAACCCGTCGTAGGGGA 2040 ACACTCGCGGACATATTCGAGTCGT 2040 ACACTCGCGCAAGATCTCGACCCG 2041 CTCAGTCTCGAAAGCTGTCACC 2042 TCCCAATCCCGGGGTGTATCCGACCGGACCACCACCCGGATCGT 2043 AATCAACCACGCCCC 2044 CCTCAGTCCGGAAGGTGATCCGAC 2042 TCCCAATCCCCGTGGTATCGCGT 2043 AATCAACGTAGTTTCGAGTCGT 2044 CTTAACAACCCAGGCGTTACGCGC 2044 CTTAACAACCCAGGCGTTTAGGTCC 2045 CCCAATCCCCGTGGTATCGTCT 2046 CTACCGCTGCATGGCGTTAGATTG 2047 TTATTGTGGCCGAACGTACACCGGGGATTGGAT 2048 TTAACAACCCAGGGGTTTAGATTG 2040 TTATTGTGGCCGACCGGACTACCCCTGGGTTGTTAAG 2041 CTCCAATCCCGTGGTGTCCC 2042 TCCCAATCCCCGTGGTTACACTC 2043 CACCGCTGCATGGCGTTAGATTG 2044 CTTAACAACCCAGGGGTTTAGATTG 2044 CTTAACAACCCAGGGGTTTAGATTG 2046 CTACCGCTGCATGGCGTTAGATTG 2047 TTATTGTGGCCGGACCGCGCGCCCCCCCACAATAACCCCTGGGTTGTTAAG 2048 TTAAGGGTGAACCACCGCGGA 2050 TCATGTTAAACGCCGCGCCGCCCCCCCACAATAA 2049 TTTGATTGAAACGCTGCGCCTCAC 2051 CCCCAACCTTCTGGGCCCACCATC 2052 CTGTTTGCCCATTGGCCCCACCATC 2053 CACGATCGCTTGGGCCCACCATC 2054 CGGACCACCGGGACCTC 2055 CAGGACCACCGGGACCTC 2056 GGGAAAAACACTTCCGCCGCCTTCGT 2056 GGGAACAACACACTCC 2057 ACTTTTTCCCGGGAACCACCCC 2058 GCGACCACCTGGGAACTACC 2059 GCTGCCACCTTGGAACACACACC 2059 GCTGCCACCTGGAACGACCGCCCCCCCCCCCCCCCCCCC	2025	AACCCCATCATGAAATGCTCTCCG	CGGAGAGCATTTCATGATGGGGTT
ATTCCTGGGCCCATCTCGGAATGT ACATTCCGAGATGCCCCACGAAT 2029 TCCCGTCCTGTAATCCAGGGAACA TGTTCCCTGGATTACAGGACGGA 2030 CTTCGCTGCACCTACATTGCGCCA TGGCGCAATGTAGCTGCAGCGAAG 2031 GCGTGTAGATCACTGTGCTTTTGGG CCCAAAGCACAGTCATCTACACGC 2032 CTATGGATCGAGACATCGGCGGA TCCGCCGATGTCTCACACGC 2032 CTATGGATCCGAGACATCGGCGGA TCCGCCGATGTCTCGATACCATAG 2033 CCTCGTACTCCGTCGTATGCACAA TTGTGCATACGACGAGTACCATAG 2034 TGGTGCGTCCGTAGTGCCTGCACT AGTGCATACGACGAGTACGAAGG 2035 CGCGATCCTAGTTGAAAGCTTTGC GCAAAGCTTTCAACTAGGACGACCACA 2036 ACGATCCAGGTGTTGGGCACTAAG CTTAGTGCCCAACACCTGGATCGT 2037 CCAATCTAGGATACACCACGCCC GCGGCGTGGTGTATCCTAGATTGG 2038 GATACGTGGGGTATAGGCCGGCCC GGGCCGTGTGTATCCCACACTTC 2039 CATGGAACAACCGTCGTAGGGGA TCCCCCTACGACGGTTTGTTCCATG 2030 CATGGAACAAACCGTCGTAGGGGA TCCCCTACGACGGTTTGTTCCATG 2040 ACACTCGCGCAGTATTCGAGTCGT ACGACCGGTTTGTTCCATG 2041 CTCAGTCTCGAAGGTGATCCGCC GGTCGGATACCCCCACGATGT 2042 TCCCAATCCCCGTGGTATCGTCGT ACGACCGATACCCCCACGATGT 2043 AATCAACGTAGTTCGAGTCGT ACGACCACACCTGGAATACTGCGCGAGTTG 2044 CTTAACAACCCAGGGGTTTCGGT ACGACCACACCCGGGAATTGGGA 2045 TCCCAATCCCCGTGGTATCGTCGT ACGACCACACCCTGGAACTACGT 2046 CTAACAACCCAGGGGTTTCGGT ACGACCACACCCGGGAATTGGAA 2046 CTACCGCTGCATGGCGTTAGATTG CAATCAACCCCTGGGTTGTAAT 2046 TTAATTGGAGGGAATACGATGGAATAC 2047 TTATTTGGTGGCGGACGAGTGAGT ACTCACCCCGGGGATTCAACAC 2048 TTAACAACCCAGGGGTTAGATTG CAATCAACCCCTGGGTTGTAAA 2049 TTTGATTGAACCCCAGGGGTTAGATT CAACCCCAAACCCCTGGGTTGTAAA 2049 TTTGATTGAACCCCAGGGGTTACGTCAC GTGACGCCGCACCAAAAA 2050 TCATGTTAGGCCGCCGCCCTCAC GTGACGCCGCACCAAAAA 2050 TCATGTTAGGCCGGCCGTCAC GTGACGCCGCACCAACACACCCTTAA 2051 CCCCAATCCCCTTCGGCCCTCTTTT AAAAAGGCCCAAGACTTCAACACACC 2052 CGGATCACAACACCTTCGGCCCAACACACCTTAAA 2050 TCATGTTAGGCCGACCACTC GTGACGGCCAACACACCTTAAA 2050 TCATGTTAGGCCGCCGCCCTTCCT ACCAGAGGCCCAACACACTTCACCATGAACCCTTGCGCCAACACACCTTGCAACACCTTGCAACACCTTGCAACACCTTGCTCCCCAAGACACACCTTCACACATGAACCCTTCGGCCAACACACCTTGCAACACCTTGCCCCAACACCATGGCCAACACACCTTGCAACACCTTGCCCAACACCCTTGCAACACCCTTGCTAACCTTTTTTCCC 2056 GGGAAAAAACACCTTGGCATACAA TGTGTACACA TGTGTTTTTCCC 2057 ACTTATTGCCGGGACTGACAACACCTTCACA TGTGTACACCATCACCGCAATACCCTT	2026	GTCCAACGGTACTGGCGTGATGTT	
TCCCGTCCTGTAATCCAGGGAACA TGTTCCCTGGATTACAGGGACGGA TGCGCCAAAGGTCAGTTCACAGGGAACA TGCGCCAATGTAGGTCCAGCGAAGG TGCGCCAATGTAGGTCCACCTACATTGCGCCA TGCGCCAATGTAGGTCCAGCGAAGG TCCGCCGATGTCTCAATCCACCC TCCTCGTACTCCGCCGTATGCCACAA TTGTGCATACCACAGGAGACACCAGCAGCACACCAGTCATCTACACCC TCCTCGTACTCCGTCGTATGCCACAA TTGTGCATACGACGAGATACCACAGGA TGGTGCAGTCCTAGTTCCACAA TTGTGCATACGACGAGATACGACGAGGA TGGTGCAGTCCTAGTTGCACAA TTGTGCATACGACGAGATACGACGAGGA TGGTGCAGCCACCACACCCACCCC TGCAAAGCTTTCAACTAGGACCACACCAC	2027	ACTCGGCTGATCGTGAGATGGTGA	TCACCATCTCACGATCAGCCGAGT
CTTCGCTGCACCTACATTGCGCCA 2031 GCGTGTAGATGACTGTGCTTTGGG 2032 CTATGGTACCAGACACTGGCGGA 2032 CTATGGTACTCGGCGAACACCGCGGAACCCACACACCACTCATCTACACGC 2032 CTATGGTACTCGTCGTATGCACAA 2033 CCTCGTACTCCGTCGTATGCACAA 2034 TGGTGCGTCCGTAGTGCCTCACT 2035 CGCGATCCTCATTGCACACA 2036 ACGATCCAGTGTTGAAAGCTTTGC 2036 ACGATCCAGGTTTGGACACT 2037 CCAAACCACTACGGCGGA 2038 GATACCTAGGTTGGACACACACACTCACACACCTGGACCCACACCAC 2038 GATACCTAGGATACACCACGCCCC 2038 GATACCTGGGTATAGGCGGCCCC 2039 CATGGAACAAACCCACGCCCC 2039 CATGGAACAAACCGTCGTAGGGAA 2040 ACACTCGCGCAGTATTCGAGTCGT 2040 ACACTCGCGCAGTATTCGAGTCGT 2041 CTCAGTCTCGAAGGTGATCCGACC 2042 TCCCAATCCCCTGGTATGCGCC 2043 AATCAACGTAGTTCCGGTGGTCCT 2044 CTTAACACCCACGGCTCC 2045 CTACCGGTGTATGGCT 2046 CTACCGCTGCATGGTCGT 2047 TTATTGGTGGCGACCGCCC 2048 TAAGGGTGAACCACCGCCGC 2049 TTCACATCCCCGTGGTAGGTC 2040 TCCCATCCCCGTGGTAGGCT 2041 CTTAACACCCACGGGTTTGGCT 2042 CTCCAATCCCCGTGGTACGTCCT 2043 AATCAACGTAGTTCCGGTGGTCCC 2044 CTTAACAACCCACGGGGTTTGGCT 2046 CTACCGCTGCATGGCGTTAGATTC 2047 TTATTGGTGGCGACCGGACCACCACACCCCTGGGTTGTTAAC 2048 TTAAGGGTGAACTCAACCGCGTGA 2049 TTTGATTGAAACCCACGGCGTAC 2049 TTGATTGAAACCCACGGCGTAC 2050 TCATGTGTAGGTCCGCCCCACCACACACCCCTTACACCCCTTAA 2050 TCATGTGTAGGTCCGCCCCCCCCCCCCACCAATAA 2050 TCATGTGTAGGCCGCCCTCAC 2051 CTCCGAACCTTCTGGCCCTTCTT AAAAGAGGCCCAACGCGTTTCAACACCCCTTCGACCCCTTCACACCTTCACACCCCTTCACACCCCTTCACACCCCTTCACCCCTTCACCCCTTCACCCCTTCACCCCCC	2028	ATTCGTGGGCGCATCTCGGAATGT	ACATTCCGAGATGCGCCCACGAAT
2031 GCGTGTAGATGACTGTGCTTTGGG CCCAAAGCACAGTCATCTACACGC 2032 CTATGGTATCGAGACATCGGCGGA TCCGCCGATGTCTCGATACCATAG 2033 CCTCGTACTCCGTCGTATGCACAA TTGTGCATACGACGGAGTACGAGG 2034 TGGTGCGTCCGTAGTGCCTGCACT AGTGCAGAGCGACCACAC 2035 CGCGATCCTAGTTGAAAGCTTTGC GCAAAGCTTTCAACTACGACCGACCACA 2036 ACGATCCAGTTGGAAAGCTTTGC GCAAAGCTTTCAACTAGGATCGCG 2036 ACGATCCAGTGTTGGGCACTAAG CTTAGTGCCCAACACCTGGATCGT 2037 CCAATCTAGGATACACCACGCCCG CGGGCCTGGTTTTCATCCAGATTGG 2038 GATACGTGGGGTATAGGCGGGCCC GGGCCCGCCTATACCCCACGATTC 2039 CATGGAACAAACCGTCGTAGGGGA TCCCCTACGACGGTTTGTTCCATG 2040 ACACTCGCGCAGTATTCGAGTCGT 2041 CTCAGTCTCGAAGGTGATCCGACC GGTCGATACCCCGGAGTGT 2042 TCCCAATCCCCGTGGTATCGTCGT 2043 AATCAACGTAGTCCGGCCG CGGACCACCGGAACTACCTTCGAGACTGAG 2044 CTTAACAACCCAGGGGTTTGGGCT ACGACCACCGGAACTACCTTGAGT 2046 CTACCGCTGCATGGCGTTAGATTG 2046 CTACCGCTGCATGGCGTTAGATTG 2047 TTATTGGTGGCGACCGGACGGATTGCACCTTCGAACCCCTGGGTTGTTAAC 2048 TTAAGAGCCAGGGGTTTAGATTG 2049 TTTGATTGAACCCCAGGGGTTAGATTG 2049 TTTGATTGAACCCCAGGGGTAACCCCCGTGCACCACACACCCCTGGGTTGTTAAC 2050 TCATGTGTAGGTCCGCCGCCACCAACCCCCTGGCACCACAAAA 2050 TCATGTGTAGGTCCGCGCCACCACCACCACAAAA 2050 TCATGTGTAGGTCCGCGCCACCACCCCGGAACTACCTTAA 2051 CTCCGAACCCTTCGGCCCTCCCTCCACCAAAAA 2052 CTGTTGCCCATTCGGCCCTCCCTCCACCAACACCCCTGCACCACACAAA 2053 CACGATCGCTGAGCACACCCCCGGGACTACACCATAA 2054 TTTATTGATTGAACCCCTGCGCCACCACCACACACCCCTGCACCACAAAA 2055 CACGATCGCTGAGCAACACCCTCC GTGATGGCCAACCACCCACAAAA 2050 TCATTTTGGCCCGCCCCTCCC GTGATGTTTCAACCACCCTTAA 2051 CTCCGAACCTTCTGGGCCTCTTTT AAAAAGAGGCCCAGAAGGTTCCAGAG 2052 CTGTTGCCCATTGGCCCGCCACCACCC GAGTGTTGGAGCAACAGC 2053 CACGATCGCTGAGCAACACATCAC GTGATGTGTTGCTCAGGGCAACAGG 2054 CGGATCATAAGCGCTTGCGA TCCCCTTCGT ACGAAGGCTTAGCTGTTTTCACCCTTAACCCCTTAACCCCTTCGGCCCACCAACACCATCAGCACCTTCCGACCACACCACACCTCCGAACACCATCAGCACCTTCGGCCCACCACACACCACCACACCACCACACCACCACACCAC	2029	TCCCGTCCTGTAATCCAGGGAACA	TGTTCCCTGGATTACAGGACGGGA
2032 CTATGGTATCGAGACATCGGCGGA 2033 CCTCGTACTCCGTCGTATGCACAA 2034 TGGTGCGTCGTATGCACAA 2035 CGCGATCCTAGTTGAAAGCTTTGC 2036 ACGATCCAGGTTGGAAAGCTTTGC 2036 ACGATCCAGGTTGGGCACTAAG 2037 CCAATCTAGGATACACCACGCCCG 2038 GATACCTAGGATACACCACGCCCG 2038 GATACCTGGGGTATAGGCGGCCCC 2039 CATGGAACAACCGTCGTAGTGAGGGACCCACACACCTGGATCGT 2039 CATGGAACAACCGTCGTAGGGGAC 2040 ACACTCGCGGATATCCCACGCCC 2050 CATGCAACACCTCGAGTTTGCCCCACCACGTATC 2051 CTCCGAACCACGCCC 2052 CATGCAACACCGCCCG 2053 CATGCAACAACCGTCGTAGGGGA 2054 CATGCAACAACCGTCGTAGGGGA 2055 CATGCAACAACCGTCGTAGGGGA 2056 CATGCAACAACCGTCGTAGGGGA 2057 CATGCAACAACCGTCGTAGGGGA 2058 CATGCACGAGTATTCCAGTCGT 2059 CATGCAACAACCGTCGTAGGGGA 2050 CATGCAACAACCGTCGTAGGGGA 2051 CTCCCAATCCCCGTGGTATCGTCGT 2051 CTCCCAATCCCCGTGGTATCGTCGT 2052 CGGACCACCGGAACTACGTTGATT 2053 AATCAACGTAGTTCCGGTGGTCCG 2054 CTACCGCTGCATGAGTGGCT 2055 CATGCACCGAGGGTTTGGGCT 2056 CTACCGCTGCACCAGAGTAGATCACCGCGGAACTACACGTTGATT 2056 CTACCGCTGCACCAGAACCCCTGGGTTGTTAAC 2057 CATGTGTAGACCCAGGAGTAGAT 2058 CTCCGAACCCTCGACAACACCCCTGGGTTCACAACACGCGTAACACGCCATGAACACACAACACACAACACACAACACACAACACACAACA	2030	CTTCGCTGCACCTACATTGCGCCA	TGGCGCAATGTAGGTGCAGCGAAG
CCTCGTACTCCGTGTATGCACAA TTGTGCATACGACGGAGTACGAGG TGGTGCGTCCGTAGTGCCTGCACT AGTGCAGGCACTACGGACGACCACA CGCGATCCTAGTTGAAAGCTTTGC CGCAAAGCTTTCAACTAGGATCGCG CGCATCCTAGTTGGAAGCTTTGC CGCAAAGCTTTCAACTAGGATCGCG CGGATCCTAGTTGGACACCTAAG CTTAGTGCCCAACACCTGGATCGT CCAATCTAGGATACACCACGCCCG CGGGCGTGGTGTATCCTCAGATTGG CCAATCTAGGATACACCACGCCCG CGGGCGTGGTGTATCCTCAGATTGG CAATCTAGGATACACCACGCCCG CGGCCGCCTATACCCCACGTATC CGCGCAACACCTGGATCGT CGCAACCCTCGAAGCTTTCCAACGCCCACACACCTGGATCCT CTAGTCTCGAAACCCTCGTAGGGGA CCCCTACGACGGTTTTCCAATC CTCAATCCCCGCAGTATTCCAACCC CGGACCACCGAATCACCTCGAAGCTGT CCCAATCCCCGTGGTATCGTCGT CCCAATCCCCCGTGGTATCGTCGT CCCAATCACCCCGTGGTATCGTCGT CCCAATCACCCCGGGGATCACCTCGACC CGGACCACCGGAACTACGTGGAT CCCAAACCCCAGGGGTTTGGGCT CAATCACACCCAGGGGTTTGGGCT CAATCTAACCACCAGGGGTTTGATT CAACAACCCAGGGGTTTGGATT CAATCTAACCACCAGGGGTTAGATTG CAATCTAACCCCCTGGGTACGTCGT CAATCTAACCACCAGGGGTTGATCGTCGAACCCCTGGGTTGTTAAG CAACCTAACCACCAGGGGTTTGGATT CAATCTAACCACCAGGGGTTGATCGTCGAACCCCTGGGTTGTTAAG CTACCGCTGCATGGCGTTAGATTG CAATCTAACGCCATGCAGCGGTAGAT CAACCTCCGCCCACCAATAA CAACCTAGCGCGGAACTACCCCCTGGATTCAACCCCTTAA CAACCTCCGTGCACCACACACACACACACACACACACACA	2031	GCGTGTAGATGACTGTGCTTTGGG	CCCAAAGCACAGTCATCTACACGC
Tegracotactactactactactactactactactactactactact	2032	CTATGGTATCGAGACATCGGCGGA	TCCGCCGATGTCTCGATACCATAG
CGCGATCCTAGTTGAAAGCTTTGC CGCAAAGCTTTCAACTAGGATCGCG COSTAGTAGGATCCAGGTGTTGGGCACTAAG CTTAGTGCCCAACACCTGGATCGT CCAATCTAGGATACACCACGCCCG CGGGCGTGGTGTATCCTAGATTGG CCAATCTAGGATACACCACGCCCG CGGGCCGCCTATACCCCACGATTC COSTAGAACAAACCGTCGTAGGGGA CATGGAACAAACCGTCGTAGGGGA CACCTCGCGCAGTATTCCATGG CATGGAACAAACCGTCGTAGGGGA CCCCTACGACGGTTTGTTCCATG COSTAGAACAAACCGTCGTAGGGGA CTCCCTACGACGGTTTTCCATG COSTAGAACAAACCGTCGTAGGGGA CTCCCTACGACGGTTTTCCATG COSTAGAACAAACCGTCGTAGGGGA CTCCCTACGACGGTTTTCCATG CACCTCGAATACTGCGCAGGTTTCCATG CACCTCGAATACCTCCAGACGTGTT CACCAATCCCCGTGGTATCGTCGT CGGACCACCCGGAACTACCGTGATT CACCACTCCCAATCCCCGTGGTATCGTCGT CACCACCCGGAACTACCACGGGATTGAATT CACCACCCGGAACTACCGTGATT CAATCTAACACCCCTGGGTTTTAAGTTC CAATCTAACGCCATCCACCACATAA CACCACACCCCTGGATTCAACCGCGTAGA CACCACACCCCTGCATCACCCGTAACACCCCTTAAA COASTATAAACGCTGCCACTAC CTAAGTGTAAACCCCTGGACACTAC CTAAGTGTAAACCCCTTCTGGCCTCTTTT AAAAGAGGCCCACAATGACCACACACACACACCCCGAACCACCACACACCCTACACACCACACACCACACACCACACACCAC	2033	CCTCGTACTCCGTCGTATGCACAA	TTGTGCATACGACGAGTACGAGG
2036 ACGATCCAGGTGTTGGGCACTAAG CTTAGTGCCCAACACCTGGATCGT 2037 CCAATCTAGGATACACCACGCCG CGGGCGTGTGTATCCTAGATTGG 2038 GATACGTGGGGTATAGGCGGGCCC GGGCCCGCCTATACCCCACGTATC 2039 CATGGAACAAACCGTCGTAGGGGA TCCCCTACGACGGTTTGTTCCATG 2040 ACACTCGCGCAGTATTCGAGTCGT ACGACTCGAATACTGCGCGAGTGT 2041 CTCAGTCTCGAAGGTGATCCGACC GGTCGGATACCTCGAGACTGAG 2042 TCCCAATCCCCGTGGTATCGTCGT ACGACGATACCACCGGGGATTGGGA 2043 AATCAACGTAGTTCCGGTGGTCG CGGACCACCGGAACTACGTTGATT 2044 CTTAACAACCCAGGGGTTTGGGCT ACGACCACCGGAACTACGTTGATT 2044 CTTAACAACCCAGGGGTTTGGGCT ACCCCAACCCCTGGGTTGTTAAG 2046 CTACCGCTGCATGGCGTTAGATTG CAATCTAACGCCATGCAGCGGTAG 2047 TTATTGGTGGCGGACGGAGTGAGT ACTCACTCCGTCCGCCACCAATAA 2048 TTAAGGGTGAACTCAACCGCGTGA TCACGCGGTTGATTCACCCTTAA 2049 TTTGATTGAACCGCTGCGCACTAC GTAGTGCGCAGCGTTCAATCAAAC 2050 TCATGTGTAAGCTGCCGCACTAC GTAGTGCGCAGCGTTCGAGA 2051 CTCCGAACCTTCTGGGCCTCTTTT AAAAGAGGCCCAGAAGGTTCGGAG 2052 CTGTTGCCCATTGGCCCGACACTC GAGTGTCGGGCCAACCATGA 2053 CACGATCGCTGAGCAACACACTCC GAGTGTCGTCAGCGAACGTTCGGAG 2054 CGGATCATAAGCGTCCGCCTTCGT ACGAAGGCCGGACCTTACACTC 2055 AGGTTAACGCAACAATCAC GTGATGGTTGTCACCGTG 2056 GGGAAAAACAGCTCACCGCTTCGT ACGAAGGCTTACCTTTTTCCC 2057 ACTTATTGCCGGGATCCGCCTTCGT ACGAAGGCTTACCTTTTTCCC 2057 ACTTATTGCCGGGATCCGTACACA TGGCCAATCAC 2058 TGCGGTCTGGAACACATCAC TGTGTTACCTTTTCCCGCCACCTTACCTT	2034	TGGTGCGTCCGTAGTGCCTGCACT	AGTGCAGGCACTACGGACGCACCA
2037 CCAATCTAGGATACACCACGCCG CGGGCCTGGTGATACCTAGATTGG 2038 GATACGTGGGGTATAGGCGGGCCC GGGCCCGCCTATACCCCACGTATC 2039 CATGGAACAAACCGTCGTAGGGGA TCCCCTACGACGGTTTGTTCCATG 2040 ACACTCGCGCAGTATTCGAGTCGT ACGACTCGATACTGCGCAGTGT 2041 CTCAGTCTCGAAGGTGATCCGACC GGTCGGATCACCTTCGAGACTGAT 2042 TCCCAATCCCCGTGGTATCGTCGT ACGACCACCGGAACTACGACGACTGAC 2043 AATCAACGTAGTTCCGGTGGTCCG CGGACCACCGGAACTACCGTTGATT 2044 CTTAACAACCCAGGGGTTTGGGCT ACGACCACCGGAACTACGTTGATT 2044 CTTAACAACCCAGGGGTTTGGGCT ACCCCAAACCCCTGGGTTGTTAAG 2046 CTACCGCTGCATGGCGTTAGATTG CAATCTAACGCCATGCAGCGGTAG 2047 TTATTGGTGGCGGACGAGTGAGT ACTCACTCCGTCCGCCACCAATAA 2048 TTAAGGGTGAACTCAACCGCGTGA TCACGCGGTTAGATTCACCCCTTAA 2049 TTTGATTGAAACGCTGCGCACTAC GTAGTGCAGCGGTTCAACACCCTTAA 2050 TCATGTGTAGGTCGCGCCGTCAC GTGACGCCGCACCAACACACCCTTAA 2050 TCATGTGTAGGTCGCGCCGTCAC GTGACGCCGCGACCTACACATGA 2051 CTCCGAACCTTCTGGGCCTTTTT AAAAGAGGCCCAGAAGGTTCGGAG 2052 CTGTTGCCCATTGGCCCGACACTC GAGTGTTGGTCAGCAGCG 2053 CACGATCGCTGAGCAACACATCAC GTGATGTTGTCAGCGAACACG 2054 CGGATCATAAGCGTCCGCCTTCGT ACGAAGGCCGACACTGGCAACACG 2055 AGGTTAACGCAACACTCCC GCGGATCACACTGTG 2056 GGGAAAAACAGCTACGCCTTCGT ACGAAGGCTTAGCTGTTTTTCCC 2057 ACTTATTGCCGGGATCCGTACACA TGTGATCCGC GCGGATCACATGTTGCTTAACCT 2058 TGCGGTCTGGAAAGAGAAGGAGGGGGCCCTTCCTTTTCCCCACCGCAACACTTCCCCCCCC	2035	CGCGATCCTAGTTGAAAGCTTTGC	GCAAAGCTTTCAACTAGGATCGCG
2038 GATACGTGGGGTATAGGCGGGCCC GGGCCCGCCTATACCCCACGTATC 2039 CATGGAACAAACCGTCGTAGGGGA TCCCCTACGACGGTTTGTTCCATG 2040 ACACTCGCGCAGTATTCGAGTCGT ACGACTCGAATACTGCGCGAGTGT 2041 CTCAGTCTCGAAGGTGATCCGACC GGTCGGATCACCTTCGAGACTGAG 2042 TCCCAATCCCCGTGGTATCGTCGT ACGACCACCACCGGGGATTGGGA 2043 AATCAACGTAGTTCCGGTGGTCCG CGGACCACCGGAACTACGTTGATT 2044 CTTAACAACCCAGGGGTTTGGGCT AGCCCAAACCCCTGGGTTGTTAAG 2046 CTACCGCTGCATGGCGTTAGATTG CAATCTAACGCCATGCAGCGGTAG 2047 TTATTGGTGGCGGACGGAGTGAGT ACTCACTCCGTCGCCACCAATAA 2048 TTAAGGGTGAACTCAACCGCGTGA TCACGCGGTTGAGTTCAACCCTTAA 2049 TTTGATTGAAACGCTGCGCACTAC GTAGTGCGCAGCGGTTCAACACACCCTTAA 2050 TCATGTGTAGGTCGCGCACCTAC GTAGTGCGCAGCGTTCAACACACACCCTTAA 2051 CTCCGAACCTTCTGGCCCTCAC GTGACGGCCGCACCTACACATGA 2052 CTGTTGCCCATTGGCCCGACACTC GAGTGTCGGCCAATAGGGCAACACG 2053 CACGATCGCTGAGCAACACATCAC GTGATGTTGCTCAGCGGATCGTG 2054 CGGATCATAAGCGTCCGCCTTCGT ACGAAGGCCCAGAAGGTTCGGAG 2055 AGGTTAACGCAACACTACC GTGATGTTTTCCCCGTCCGCAACACG 2056 GGGAAAAACAGCTAGCCTTCGT ACGAAGGCGGACCTTATGATCCG 2057 ACTTATTGCCGGGATCCGTCACACA TGTGTACCCTTTCCCCCCCCCC	2036	ACGATCCAGGTGTTGGGCACTAAG	CTTAGTGCCCAACACCTGGATCGT
2039 CATGGAACAACCGTCGTAGGGGA TCCCCTACGACGGTTTGTTCCATG 2040 ACACTCGCGCAGTATTCGAGTCGT ACGACTCGAATACTGCGCGAGTGT 2041 CTCAGTCTCGAAGGTGATCCGACC GGTCGGATCACCTTCGAGACTGAG 2042 TCCCAATCCCCGTGGTATCGTCGT ACGACGACCACCGGGGATTGGGA 2043 AATCAACGTAGTTCCGGTGGTCCG CGGACCACCGGAACTACGTTGATT 2044 CTTAACAACCCAGGGGTTTGGGCT AGCCCACCGGAACTACGTTGATT 2044 CTTAACAACCCAGGGGTTTGGGCT AGCCCAAACCCCTGGGTTGTTAAG 2046 CTACCGCTGCATGGCGTTAGATTG CAATCTAACGCCATGCAGCGGTAG 2047 TTATTGGTGGCGGACGGAGTGAGT ACTCACTCCGTCCGCCACCACAATAA 2048 TTAAGGGTGAACTCAACCGCGTGA TCACGCGGTTGAGTTCACCCTTAA 2049 TTTGATTGAAACGCTGCGCACTAC GTAGTGCGCAGCGTTTCAATCAAA 2050 TCATGTGTAGGTCGCGCCGTCAC GTGACGGCGGACCTACACATGA 2051 CTCCGAACCTTCTGGGCCTCTTTT AAAAGAGGCCCAGAAGGTTCGAGG 2052 CTGTTGCCCATTGGCCCGACACTC GAGTGTCGGGCCAACAGG 2053 CACGATCGCTGAGCAACACACTCAC GTGATGGTTGCTCAGCGATCGTG 2054 CGGATCATAAGCGTCCGCCTTCGT ACGAAGGCTGCCACCATGA 2055 AGGTTAACGCAACACACTCAC GTGATGTTTGCTCAGCGATCGTG 2056 GGGAAAAACAGCTAGCCTTCGT ACGAAGGCTTAGATCCG 2057 ACTTATTGCCGGGATCCGTACCA TGGCAAGGCTTAGATCCCG 2058 TGCGGTCTGGAAAGGAAGGAAGGGAGGCCCAAAGGTTTTCCCC 2057 ACTTATTGCCGGGATCCGTACACA TGTGTACCGTTTTTCCC 2058 TGCGGCTCTGGAAAGGAAGGAAGGGAGGG CCCTCCCTTTCTTTCCAGACCGCA 2059 GCTGCCACCTGGACATCCCATACA TGTGTACGATCCCGGCAATAAGT 2050 GCAGGCATGAAGGAAGGAAGGGAGGG CCCTCCCTTTCCTTT	2037	CCAATCTAGGATACACCACGCCCG	CGGGCGTGGTGTATCCTAGATTGG
2040 ACACTCGCGCAGTATTCGAGTCGT ACGACTCGATACTGCGCGAGTGT 2041 CTCAGTCTCGAAGGTGATCCGACC GGTCGGATCACCTTCGAGACTGAG 2042 TCCCAATCCCCGTGGTATCGTCGT ACGACGACACCACGGGGATTGGGA 2043 AATCAACGTAGTTCCGGTGGTCCG CGGACCACCGGAACTACGTTGATT 2044 CTTAACAACCCAGGGGTTTGGGCT AGCCCAAACCCCTGGGTTGTTAAG 2046 CTACCGCTGCATGGCGTTAGATTG CAATCTAACGCCATGCAGCGGTAG 2047 TTATTGGTGGCGGACGGAGTGAGT ACTCACTCCGTCCGCCACCAATAA 2048 TTAAGGGTGAACTCAACCGCGTGA TCACCGCGTTGAGTTCAACCACTAA 2049 TTTGATTGAAACGCTGCGCACTAC GTAGTGCGCACCAATAA 2050 TCATGTGTAGGTCGCGCCGTCAC GTGACGGCGGACCTACACATGA 2051 CTCCGAACCTTCTGGGCCTCTTTT AAAAGAGGCCCAGAAGGTTCGGAG 2052 CTGTTGCCCATTGGCCCGACACTC GAGTGTCGGCCAATCAGACCCCTTCAACACCCCTTCGTCCGCACCAATCACCCCTTCGTCGCCACCAATCACCCCTTCGTCGCCCACCAATCACCCCCTCCACACTCCCCCCCACAACCCTCCCCCACCA	2038	GATACGTGGGGTATAGGCGGGCCC	GGGCCCGCCTATACCCCACGTATC
2041 CTCAGTCTCGAAGGTGATCCGACC GGTCGGATCACCTTCGAGACTGAG 2042 TCCCAATCCCCGTGGTATCGTCGT ACGACGATACCACGGGGATTGGGA 2043 AATCAACGTAGTTCCGGTGGTCCG CGGACCACCGGAACTACCTTGATT 2044 CTTAACAACCCAGGGGTTTGGGCT AGCCCAAACCCCTGGGTTGTTAAG 2046 CTACCGCTGCATGGCGTTAGATTG CAATCTAACGCCATGCAGCGGTAG 2047 TTATTGGTGGCGGACGGAGTGAGT ACTCACTCCGTCCGCCACCAATAA 2048 TTAAGGGTGAACTCAACCGCGTGA TCACGCGGTTGAGTTCAACCCTTAA 2049 TTTGATTGAAACGCTGCGCACTAC GTAGTGCGCGCGCGCTCACACATAA 2050 TCATGTGTAGGTCGCGGCCGTCAC GTGACGGCCGGACCTACACATGA 2051 CTCCGAACCTTCTGGGCCTCTTTT AAAAGAGGCCCAGAAGGTTCGGAG 2052 CTGTTGCCCATTGGCCCGACACTC GAGTGTCGGGCCAACACG 2053 CACGATCGCTGAGCAACACACTCAC GTGATGTTTTCCCCAGCGATCGTG 2054 CGGATCATAAGCGTCCGCCTTCGT ACGAAGGCGACCGTTAGATCCG 2055 AGGTTAACGCAACAATCAC GTGATGTTTTCCCCGTCAGCGATCGTG 2056 GGGAAAAACAGCTAAGCCTTCGGA TCGCAAGGCTTAGATCCCT 2057 ACTTATTGCCGGGATCCGTACACA TGTGTACGTTTACCT 2058 TGCGGTCTGGAACACACTCACA TGTGTACGGATCCCGCAATAAGT 2059 GCTGCCACCTGGACACACCATCAC TGTATCACCGCAACCCCCCCCCC	2039	CATGGAACAAACCGTCGTAGGGGA	TCCCCTACGACGGTTTGTTCCATG
2042 TCCCAATCCCGTGGTATCGTCGT ACGACGATACCACGGGGATTGGGA 2043 AATCAACGTAGTTCCGGTGGTCCG CGGACCACCGGAACTACGTTGATT 2044 CTTAACAACCCAGGGGTTTGGGCT AGCCCAAACCCCTGGGTTGTTAAG 2046 CTACCGCTGCATGGCGTTAGATTG CAATCTAACGCCATGCAGCGGTAG 2047 TTATTGGTGGCGGACGGAGTGAGT ACTCACTCCGTCCGCCACCAATAA 2048 TTAAGGGTGAACTCAACCGCGTGA TCACGCGGTTGAGTTCACCCTTAA 2049 TTTGATTGAAACGCTGCGCACTAC GTAGTGCGCAGCGTTTCAATCAAA 2050 TCATGTGTAGGTCGCGCACTAC GTGACGCCGCGACCTACACATGA 2051 CTCCGAACCTTCTGGGCCTCTTTT AAAAGAGGCCCAGAAGGTTCGGAG 2052 CTGTTGCCCATTGGCCCGACACTC GAGTGTCGGGCCAATAGGGCAACAG 2053 CACGATCGCTGAGCAACACACTCC GAGTGTCGGGCCAATGGGCAACAG 2054 CGGATCATAAGCGTCCGCCTTCGT ACGAAGGCCGCACCTTATGATCCG 2055 AGGTTAACGCAACAATGTGATCCGC GCGGATCACATGTTGATCCG 2056 GGGAAAAACAGCTAAGCCTTGCGA TCGCAAGGCTTAGCTTTTTCCC 2057 ACTTATTGCCGGGATCCGTACACA TGTGTACGGATCCCGGCAATAAGT 2058 TGCGGTCTGGAAAGGAAGGAGGG CCCTCCCTTCCTTTCCAGACCGCA 2059 GCTGCCACCTGGACATCAC TGTGTACGGATCCCGGCAATAAGT 2050 GCAGCCACCTGGACATCACA TGTGTACGGATCCCGCAATAAGT 2051 GCGGCCCTGGACATCACA TGTGTACGGATCCCGCAATAAGT 2052 GCTGCCACCTGGACATCACA TGTGTACGGATCCCGCAATAAGT 2053 TGCGGTCTGGAAAGGAAGGAAGGAGGG CCCTCCCTTCCTTTCCAGACCGCA 2054 CGGGCCCTGAAAGCATCACA TGTATGCGATGCCGCAATAAGT CGCAAGCCTTACACATGTTCCAGACCGCACCCCACCC	2040	ACACTCGCGCAGTATTCGAGTCGT	ACGACTCGAATACTGCGCGAGTGT
2043 AATCAACGTAGTTCCGGTGGTCCG 2044 CTTAACAACCCAGGGGTTTGGGCT 2046 CTACCGCTGCATGGCGTTAGATTG 2047 TTATTGGTGGCGGGGGGGGGGGGGGGGGGGGGGGGGGGG	2041	CTCAGTCTCGAAGGTGATCCGACC	GGTCGGATCACCTTCGAGACTGAG
2044 CTTAACAACCCAGGGGTTTGGGCT AGCCCAAACCCCTGGGTTGTTAAG 2046 CTACCGCTGCATGGCGTTAGATTG CAATCTAACGCCATGCAGCGGTAG 2047 TTATTGGTGGCGGACGAGTGAGT ACTCACTCCGTCCGCCACCAATAA 2048 TTAAGGGTGAACTCAACCGCGTGA TCACGCGGTTGAGTTCACCCTTAA 2049 TTTGATTGAAACGCTGCGCACTAC GTAGTGCGCAGCGTTCAATCAAA 2050 TCATGTGTAGGTCGCGGCCGTCAC GTGACGGCCGCGACCTACACATGA 2051 CTCCGAACCTTCTGGGCCTCTTTT AAAAGAGGCCCAGAAGGTTCGGAG 2052 CTGTTGCCCATTGGCCCGACACTC GAGTGTCGGGCCAATGGGCAACAG 2053 CACGATCGCTGAGCAACACACACC GTGATGGTTGCTCAGCGATCGTG 2054 CGGATCATAAGCGTCCGCCTTCGT ACGAAGGCGGACGCTTATGATCCG 2055 AGGTTAACGCAACATGTGATCCGC GCGGATCACATGTTGCGTTAACCT 2056 GGGAAAAACAGCTAAGCCTTGCGA TCGCAAGGCTTAGCTGTTTTTCCC 2057 ACTTATTGCCGGGATCCGTACACA TGTGTACGGATCCGGCAATAAGT 2058 TGCGGTCTGGAAAGGAAGGAGGG CCCTCCCTTCCTTTCCAGACCGCA 2059 GCTGCCACCTGGACATCGCATACA TGTATGCGATGCCGCA 2060 GCAGGCATGACAGTGGCGTAGTAC GTACTACGCCACTGCCGCA 2061 GCGGCCCTGATGGTTTGGCTGAGC GTACTACACCTCGCCACCCGCA 2062 TCCCCATTTAGTCCCCTCCATCAC GTGATGGAGGCCGCCCCCCCCCC	2042	TCCCAATCCCCGTGGTATCGTCGT	ACGACGATACCACGGGGATTGGGA
2046 CTACCGCTGCATGGCGTTAGATTG CAATCTAACGCCATGCAGCGGTAG 2047 TTATTGGTGGCGGACGGAGTGAGT ACTCACTCCGTCCGCCACCAATAA 2048 TTAAGGGTGAACTCAACCGCGTGA TCACGCGGTTGAGTTCACCCTTAA 2049 TTTGATTGAAACGCTGCGCACTAC GTAGTGCGCAGCGTTTCAATCAAA 2050 TCATGTGTAGGTCGCGGCCGTCAC GTGACGGCCGCGACCTACACATGA 2051 CTCCGAACCTTCTGGGCCTCTTTT AAAAGAGGCCCAGAAGGTTCGGAG 2052 CTGTTGCCCATTGGCCCGACACTC GAGTGTCGGGCCAATGGGCAACAG 2053 CACGATCGCTGAGCAACACTCAC GTGATGTGTTGCTCAGCGATCGTG 2054 CGGATCATAAGCGTCCGCCTTCGT ACGAAGGCGGACGCTTATGATCCG 2055 AGGTTAACGCAACATGTGATCCGC GCGGATCACATGTTGCGTTAACCT 2056 GGGAAAAACAGCTAAGCCTTGCGA TCGCAAGGCTTAGCTGTTTTTCCC 2057 ACTTATTGCCGGGATCCGTACACA TGTGTACGGATCCGGCAATAAGT 2058 TGCGGTCTGGAAAGGAAGGAGGG CCCTCCCTTCCTTTCCAGACCGCA 2059 GCTGCCACCTGGACATCGCATACA TGTATGCGATGTCCAGCGCACCCCCCCCCC	2043	AATCAACGTAGTTCCGGTGGTCCG	CGGACCACCGGAACTACGTTGATT
TTATTGGTGGCGGACGGAGTGAGT 2048 TTAAGGGTGAACTCAACCGCGTGA 2049 TTTGATTGAAACGCTGCGCACTAC 2050 TCATGTGTAGGTCGCGCGCCGTCAC 2051 CTCCGAACCTTCTGGGCCTCTTTT AAAAGAGGCCCAGAAGGTTCGGAG 2052 CTGTTGCCCATTGGCCCGACACTC 2053 CACGATCGCTGAGCACACTC 2054 CGGATCATAAGCGTCGCCTTCGT 2055 AGGTTAACGCACACATCAC 2055 AGGTTAACGCAACATGTGATCCGC 2056 GGGAAAAACAGCTTAGGCCTTGCGA 2057 ACTTATTGCCGGGATCCTTGCGA 2058 TGCGGTCTGGAAAGCCTTCCGAACCTTTTCCCC 2059 GCTGCCACCTGGAAAGCACACACACACACACACACACACA	2044	CTTAACAACCCAGGGGTTTGGGCT	AGCCCAAACCCCTGGGTTGTTAAG
2048 TTAAGGGTGAACTCAACCGCGTGA TCACGCGGTTGAGTTCACCCTTAA 2049 TTTGATTGAAACGCTGCGCACTAC GTAGTGCGCAGCGTTTCAATCAAA 2050 TCATGTGTAGGTCGCGGCCGTCAC GTGACGGCCGCGACCTACACATGA 2051 CTCCGAACCTTCTGGGCCTCTTTT AAAAGAGGCCCAGAAGGTTCGGAG 2052 CTGTTGCCCATTGGCCCGACACTC GAGTGTCGGGCCAATGGGCAACAG 2053 CACGATCGCTGAGCAACACTCAC GTGATGTTGCTCAGCGATCGTG 2054 CGGATCATAAGCGTCCGCCTTCGT ACGAAGGCGGACGCTTATGATCCG 2055 AGGTTAACGCAACATGTGATCCGC GCGGATCACATGTTGCGTTAACCT 2056 GGGAAAAACAGCTAAGCCTTGCGA TCGCAAGGCTTAGCTGTTTTTCCC 2057 ACTTATTGCCGGGATCCGTACACA TGTGTACGGATCCCGCAATAAGT 2058 TGCGGTCTGGAAAGGAAGGAAGGGAGG CCCTCCCTTCCTTTCCAGACCGCA 2059 GCTGCCACCTGGACATCGCATACA TGTATGCGATGCCAGC 2060 GCAGGCATGACAGTGGCGTAGTAC GTACTACGCCACTGTCATGCCTGC 2061 GCGGCCCTGATGGTTTGGCTGAGC GCTCAGCCAAACCATCAGGGCCGC 2062 TCCCCATTTAGTCCCCTCCATCAC GTGATGGAGGGAACTAAATGGGGA	2046	CTACCGCTGCATGGCGTTAGATTG	CAATCTAACGCCATGCAGCGGTAG
TITGATTGAAACGCTGCGCACTAC GTAGTGCGCAGCGTTTCAATCAAA 2050 TCATGTGTAGGTCGCGGCCGTCAC GTGACGGCCGCGACCTACACATGA 2051 CTCCGAACCTTCTGGGCCTCTTTT AAAAGAGGCCCAGAAGGTTCGGAG 2052 CTGTTGCCCATTGGCCCGACACTC GAGTGTCGGGCCAATGGGCAACAG 2053 CACGATCGCTGAGCAACACATCAC GTGATGTTGCTCAGCGATCGTG 2054 CGGATCATAAGCGTCCGCCTTCGT ACGAAGGCGGACGCTTATGATCCG 2055 AGGTTAACGCAACATGTGATCCGC GCGGATCACATGTTGCGTTAACCT 2056 GGGAAAAACAGCTAAGCCTTGCGA TCGCAAGGCTTAGCTGTTTTCCC 2057 ACTTATTGCCGGGATCCGTACACA TGTGTACGGATCCCGGCAATAAGT 2058 TGCGGTCTGGAAAGGAAGGAGGG CCCTCCCTTCCTTTCCAGACCGCA 2059 GCTGCCACCTGGACATCGCATACA TGTATGCGATGTCCAGGTGCAGC 2060 GCAGGCATGACAGTGGCGTAGTAC GTACTACGCCACTGTCATGCCTGC 2061 GCGGCCCTGATGGTTTGGCTGAGC GCTCAGCCAAACCATCAGGGCCGC 2062 TCCCCATTTAGTCCCCTCCATCAC GTGATGGAGGGACTAAATGGGGA	2047	TTATTGGTGGCGGACGGAGTGAGT	ACTCACTCCGTCCGCCACCAATAA
2050 TCATGTGTAGGTCGCGGCCGTCAC GTGACGGCCGCGACCTACACATGA 2051 CTCCGAACCTTCTGGGCCTCTTTT AAAAGAGGCCCAGAAGGTTCGGAG 2052 CTGTTGCCCATTGGCCCGACACTC GAGTGTCGGGCCAATGGGCAACAG 2053 CACGATCGCTGAGCAACACATCAC GTGATGTGTTGCTCAGCGATCGTG 2054 CGGATCATAAGCGTCCGCCTTCGT ACGAAGGCGGACGCTTATGATCCG 2055 AGGTTAACGCAACATGTGATCCGC GCGGATCACATGTTGCGTTAACCT 2056 GGGAAAAACAGCTAAGCCTTGCGA TCGCAAGGCTTAGCTGTTTTCCC 2057 ACTTATTGCCGGGATCCGTACACA TGTGTACGGATCCCGGCAATAAGT 2058 TGCGGTCTGGAAAGGAAGGGAGGG CCCTCCCTTCCTTTCCAGACCGCA 2059 GCTGCCACCTGGACATCGCATACA TGTATGCGATGTCCAGGTGGCAGC 2060 GCAGGCATGACAGTGGCGTAGTAC GTACTACGCCACTGTCATGCCTGC 2061 GCGGCCCTGATGGTTTGGCTGAGC GCTCAGCCAAACCATCAGGGCCGC 2062 TCCCCATTTAGTCCCCTCCATCAC GTGATGGAGGGGACTAAATGGGGA	2048	TTAAGGGTGAACTCAACCGCGTGA	TCACGCGGTTGAGTTCACCCTTAA
2051 CTCCGAACCTTCTGGGCCTCTTTT AAAAGAGGCCCAGAAGGTTCGGAG 2052 CTGTTGCCCATTGGCCCGACACTC GAGTGTCGGGCCAATGGGCAACAG 2053 CACGATCGCTGAGCAACACATCAC GTGATGTTGCTCAGCGATCGTG 2054 CGGATCATAAGCGTCCGCCTTCGT ACGAAGGCGGACGCTTATGATCCG 2055 AGGTTAACGCAACATGTGATCCGC GCGGATCACATGTTGCGTTAACCT 2056 GGGAAAAACAGCTAAGCCTTGCGA TCGCAAGGCTTAGCTGTTTTTCCC 2057 ACTTATTGCCGGGATCCGTACACA TGTGTACGGATCCCGGCAATAAGT 2058 TGCGGTCTGGAAAGGAAGGAGGG CCCTCCCTTCCTTTCCAGACCGCA 2059 GCTGCCACCTGGACATCGCATACA TGTATGCGATGTCCAGGTGGCAGC 2060 GCAGGCATGACAGTGGCGTAGTAC GTACTACGCCACTGTCATGCCTGC 2061 GCGGCCCTGATGGTTTGGCTGAGC GCTCAGCCAAACCATCAGGGCCGC 2062 TCCCCATTTAGTCCCCTCCATCAC GTGATGGAGGGAGC	2049	TTTGATTGAAACGCTGCGCACTAC	GTAGTGCGCAGCGTTTCAATCAAA
2052 CTGTTGCCCATTGGCCCGACACTC GAGTGTCGGGCCAATGGGCAACAG 2053 CACGATCGCTGAGCAACACATCAC GTGATGTGTTGCTCAGCGATCGTG 2054 CGGATCATAAGCGTCCGCCTTCGT ACGAAGGCGGACGCTTATGATCCG 2055 AGGTTAACGCAACATGTGATCCGC GCGGATCACATGTTGCGTTAACCT 2056 GGGAAAAACAGCTAAGCCTTGCGA TCGCAAGGCTTAGCTGTTTTTCCC 2057 ACTTATTGCCGGGATCCGTACACA TGTGTACGGATCCCGGCAATAAGT 2058 TGCGGTCTGGAAAGGAAGGAGGG CCCTCCCTTCCTTTCCAGACCGCA 2059 GCTGCCACCTGGACATCGCATACA TGTATGCGATGTCCAGGTGGCAGC 2060 GCAGGCATGACAGTGGCGTAGTAC GTACTACGCCACTGTCATGCCTGC 2061 GCGGCCCTGATGGTTTGGCTGAGC GCTCAGCCAAACCATCAGGGCCGC 2062 TCCCCATTTAGTCCCCTCCATCAC GTGATGGAGGGGACTAAATGGGGA	2050	TCATGTGTAGGTCGCGGCCGTCAC	GTGACGGCCGCGACCTACACATGA
2053 CACGATCGCTGAGCAACACATCAC GTGATGTGTTGCTCAGCGATCGTG 2054 CGGATCATAAGCGTCCGCCTTCGT ACGAAGGCGGACGCTTATGATCCG 2055 AGGTTAACGCAACATGTGATCCGC GCGGATCACATGTTGCGTTAACCT 2056 GGGAAAAACAGCTAAGCCTTGCGA TCGCAAGGCTTAGCTGTTTTTCCC 2057 ACTTATTGCCGGGATCCGTACACA TGTGTACGGATCCCGGCAATAAGT 2058 TGCGGTCTGGAAAGGAAGGAAGGGAGG CCCTCCCTTCCTTTCCAGACCGCA 2059 GCTGCCACCTGGACATCGCATACA TGTATGCGATGTCCAGGTGGCAGC 2060 GCAGGCATGACAGTGGCGTAGTAC GTACTACGCCACTGTCATGCCTGC 2061 GCGGCCCTGATGGTTTGGCTGAGC GCTCAGCCAAACCATCAGGGCCGC 2062 TCCCCATTTAGTCCCCTCCATCAC GTGATGGAGGGGACTAAATGGGGA	2051	CTCCGAACCTTCTGGGCCTCTTTT	AAAAGAGGCCCAGAAGGTTCGGAG
2054 CGGATCATAAGCGTCCGCCTTCGT ACGAAGGCGGACGCTTATGATCCG 2055 AGGTTAACGCAACATGTGATCCGC GCGGATCACATGTTGCGTTAACCT 2056 GGGAAAAACAGCTAAGCCTTGCGA TCGCAAGGCTTAGCTGTTTTTCCC 2057 ACTTATTGCCGGGATCCGTACACA TGTGTACGGATCCCGGCAATAAGT 2058 TGCGGTCTGGAAAGGAAGGAAGGGAGG CCCTCCCTTCCTTTCCAGACCGCA 2059 GCTGCCACCTGGACATCGCATACA TGTATGCGATGTCCAGGTGGCAGC 2060 GCAGGCATGACAGTGGCGTAGTAC GTACTACGCCACTGTCATGCCTGC 2061 GCGGCCCTGATGGTTTGGCTGAGC GCTCAGCCAAACCATCAGGGCCGC 2062 TCCCCATTTAGTCCCCTCCATCAC GTGATGGAGGGGACTAAATGGGGA	2052	CTGTTGCCCATTGGCCCGACACTC	GAGTGTCGGGCCAATGGGCAACAG
2055 AGGTTAACGCAACATGTGATCCGC GCGGATCACATGTTGCGTTAACCT 2056 GGGAAAAACAGCTAAGCCTTGCGA TCGCAAGGCTTAGCTGTTTTTCCC 2057 ACTTATTGCCGGGATCCGTACACA TGTGTACGGATCCCGGCAATAAGT 2058 TGCGGTCTGGAAAGGAAGGAGGG CCCTCCCTTCCTTTCCAGACCGCA 2059 GCTGCCACCTGGACATCGCATACA TGTATGCGATGTCCAGGTGGCAGC 2060 GCAGGCATGACAGTGGCGTAGTAC GTACTACGCCACTGTCATGCCTGC 2061 GCGGCCCTGATGGTTTGGCTGAGC GCTCAGCCAAACCATCAGGGCCGC 2062 TCCCCATTTAGTCCCCTCCATCAC GTGATGGAGGGGACTAAATGGGGA	2053	CACGATCGCTGAGCAACACATCAC	GTGATGTGTTGCTCAGCGATCGTG
2056 GGGAAAAACAGCTAAGCCTTGCGA TCGCAAGGCTTAGCTGTTTTTCCC 2057 ACTTATTGCCGGGATCCGTACACA TGTGTACGGATCCCGGCAATAAGT 2058 TGCGGTCTGGAAAGGAAGGAGGG CCCTCCCTTCCTTTCCAGACCGCA 2059 GCTGCCACCTGGACATCGCATACA TGTATGCGATGTCCAGGTGGCAGC 2060 GCAGGCATGACAGTGGCGTAGTAC GTACTACGCCACTGTCATGCCTGC 2061 GCGGCCCTGATGGTTTGGCTGAGC GCTCAGCCAAACCATCAGGGCCGC 2062 TCCCCATTTAGTCCCCTCCATCAC GTGATGGAGGGGACTAAATGGGGA	2054	CGGATCATAAGCGTCCGCCTTCGT	ACGAAGGCGGACGCTTATGATCCG
2057 ACTTATTGCCGGGATCCGTACACA TGTGTACGGATCCCGGCAATAAGT 2058 TGCGGTCTGGAAAGGAAGGAGGG CCCTCCCTTCCTTTCCAGACCGCA 2059 GCTGCCACCTGGACATCGCATACA TGTATGCGATGTCCAGGTGGCAGC 2060 GCAGGCATGACAGTGGCGTAGTAC GTACTACGCCACTGTCATGCCTGC 2061 GCGGCCCTGATGGTTTGGCTGAGC GCTCAGCCAAACCATCAGGGCCGC 2062 TCCCCATTTAGTCCCCTCCATCAC GTGATGGAGGGGACTAAATGGGGA	2055	AGGTTAACGCAACATGTGATCCGC	GCGGATCACATGTTGCGTTAACCT
2058 TGCGGTCTGGAAAGGAAGGAGGG CCCTCCTTTCCTTTC	2056	GGGAAAAACAGCTAAGCCTTGCGA	TCGCAAGGCTTAGCTGTTTTTCCC
2059 GCTGCCACCTGGACATCGCATACA TGTATGCGATGTCCAGGTGGCAGC 2060 GCAGGCATGACAGTGGCGTAGTAC GTACTACGCCACTGTCATGCCTGC 2061 GCGGCCCTGATGGTTTGGCTGAGC GCTCAGCCAAACCATCAGGGCCGC 2062 TCCCCATTTAGTCCCCTCCATCAC GTGATGGAGGGGACTAAATGGGGA	2057	ACTTATTGCCGGGATCCGTACACA	TGTGTACGGATCCCGGCAATAAGT
2060 GCAGGCATGACAGTGGCGTAGTAC GTACTACGCCACTGTCATGCCTGC 2061 GCGGCCCTGATGGTTTGGCTGAGC GCTCAGCCAAACCATCAGGGCCGC 2062 TCCCCATTTAGTCCCCTCCATCAC GTGATGGAGGGGACTAAATGGGGA	2058	TGCGGTCTGGAAAGGAAGGGAGGG	CCCTCCCTTCCTTTCCAGACCGCA
2061 GCGGCCTGATGGTTTGGCTGAGC GCTCAGCCAAACCATCAGGGCCGC 2062 TCCCCATTTAGTCCCCTCCATCAC GTGATGGAGGGGACTAAATGGGGA	2059	GCTGCCACCTGGACATCGCATACA	TGTATGCGATGTCCAGGTGGCAGC
2062 TCCCCATTTAGTCCCCTCCATCAC GTGATGGAGGGGACTAAATGGGGA	2060	GCAGGCATGACAGTGGCGTAGTAC	GTACTACGCCACTGTCATGCCTGC
	2061	GCGGCCCTGATGGTTTGGCTGAGC	GCTCAGCCAAACCATCAGGGCCGC
2063 GCAACACAAATGCGAGCGTAGGAG CTCCTACGCTCGCATTTGTGTTGC	2062	TCCCCATTTAGTCCCCTCCATCAC	GTGATGGAGGGGACTAAATGGGGA
	2063	GCAACACAAATGCGAGCGTAGGAG	CTCCTACGCTCGCATTTGTGTTGC

2064 GGCGTTTGTATTCGAGCCACGTAG CTACCTGGCTCGAATACAAACGCC 2065 GGTAACGTCGCACGTGGAATTCC 2066 ACTICACAACGCTCCGTTGGACAC GTGTCCAACGGAGCGTTTACC 2067 CCGAATTATAAAGCGCAAGGCACA TGTGCCTTGCGACGTTGAAGT 2068 GGACCCGATAAGACTCTGACGCCG CGGCGTCAGAGTCTTATCGGGTCC 2069 ACCCGTTTCTCGTAGGAACCTGCT AGCAGGTCCTATCCGAGGACCGTTTATCGGGTCC 2070 CACGTTCGACTGATTCTGGTTGCC GGCAACCAGAAACCGGT 2071 CCTCGGATGGGCCCATGACCTTGA 2072 GGACGCCTGCTGAGGCTTTGAT 2073 CTCGGATGGGCCCATGACCTTGAT 2073 CTCGAGGGCCCATGAGCTTGAT 2074 TTTACTTCTTAGGGGCGTTTGAT 2075 ACCACCAACATAAGACCATTAGAT 2076 ACCACCAACATAGGCGCGCCATGACT 2077 TTATGGTACGGGCGCGTTAGAT 2076 ACCACCAACATAGCCGCGACCTAGAT 2077 TTATGGTACGGGCGCCATGACCTTAGAT 2078 ACCGCGGATCAACGCGGACTAGAT 2078 ACCGCGGATCAACGAGCCGGCCCTAAGAAGTAAA 2078 ACCGCGGATCAACGAGCCGGCGCTAAGATCACCATAA 2078 ACCGCGGATCAACGAATCCCATT 2079 CATGATCCCGCCCTTAAGGTTAACCAATCCCATT 2080 TACCGCTTCAAAGGGTTGCCGAAT 2081 GCACCGGCTCAAAGGGTTCCCAGGT 2082 GTGTCGCGCGTAATTTACCGAGGA 2083 GCAAGCCATACTACGAATCCCATT 2084 ATGAGGTCGTCCGAGAT 2084 ATGAGGCTGCAATATTACCGAGGA 2085 TACCGCTTAAAACAACCCTTTGAACGCAACCCTTTGAACGTAACCAACC			· · · · · · · · · · · · · · · · · · ·
2066 ACTTCACAACGCTCCGTTGGACAC 2067 CCGAATTATAAAGCGCAAGGCACA 2068 GGACCCGATAGACTCTGACGCCG 2068 GGACCCGATAGACTCTGACGCCG 2069 ACCCGTTTCTCGTAGGAACCTGCT 2070 CACGTTCGACTGTATCTGGTTGCC 2071 CCTCGGATGGCCCATGACCTTGA 2072 GGACGCCTCAGAGTCTTACAGGCCG 2073 CTCGAGTGGGCCCATGACCTTGA 2074 CTTGAGTGGGCCCATGACCTTGA 2075 CACGTTCGACTGTATCTGGTTGCC 2073 CTCGAGCGTGGGCCCATGACCTTGA 2074 TTTACTTCTTAGGGCGCGTTTGAG 2075 ACCACCAACATACGCTGGACACAGGCGTCC 2076 TGGTTACACGGCGCTTTGAG 2077 TTATGCTTCTTAGGGCCGCTTTGAG 2076 TGGTTACACGGCACCACTAGAC 2077 TTATGGTACCTGTGCGGG 2078 ACCACCAACATAGCCCCGCGTAAG 2077 TTATGGTACCTTGCTGCGGG 2079 CATGATCCCGCCCTTAGGTTACCATA 2078 ACCGCGGATCTAACGATCCATT 2078 ACCGCGGATCTAACGAATCCCATT 2079 CATGATCCCGCCCTTAGGTTAGC 2080 TACCGCTTCAAGAGTTCCCATT 2080 TACCGCTTCAAGAGTTCCCATT 2081 GCACCGCGTCAATATTACCGAGGA 2082 GTGTCGCGGCTTAACAGAACCCATAT 2083 GCAAGCCATACCCACATATTACCGAGGA 2084 ATGAGGTCGTGCGGTTACCAGAGA 2085 CGACGCACAACATATTACCGAGGA 2086 GCACACAACATACCCCCACTTCAGACCACCCTTTTTGAACCGGTGC 2087 GACAGCCATACCACCAACATACCCACACACCACCACCACCACCAC	2064	GGCGTTTGTATTCGAGCCACGTAG	CTACGTGGCTCGAATACAAACGCC
2066 CGGAATTATAAAGGGCAAGGCACA TGTGCCTTGCGCTTTATAATTCGG 2068 GGACCCGATAAGACTCTGACGCCG CGGCGTCAGAGTCTTATCGGGTCC 2069 ACCCGTTTCTCGTAGGAACCTGCT AGCAGGTTCCTACGAGAAACGGGT 2070 CACGTTCGACTGTATCTGGTTGCC GGCAACCAGATACAGTCGAAACGTG 2071 CCTCGGATGGGCCCATGACCTTGA TCAAGGTCAAACGTG 2072 GGACGCCTGCTGTAGGGGTTTGAT ATCAAGCCCTACAGGAGGCCAACGAGGCCAACCAGTCAAACGAGCCAAGTCAAACGAGCCAACCAGTCAAACACCCTTCAAGCAGGGGTTCCTAGAGCGTTGAT 2072 GGACGCCTGCTGTAGGGGTTTGAT ATCAAACCCCTACAGCAGGGGTCC 2073 CTCGAGGGTGGGCTAAAAGACCAT ATGCTCTTTTAGCCCACGCTCGAG 2074 TTTACTTCTTAGGGCGCGCACTAGT ACCAACGCGCCCTAAGAAGTAAA 2075 ACCACCAACATAGCGCGCACTAGT ACTAGCCGGCCCTAAGAAGTAAA 2076 TGGTTACACGGCACCCGGCTAAG CTTACGCGGGCTGCCGTTAACCA 2077 TTATGGTACGTTGCTGCGTGCGG CCCGCACGCAGCAACCACCACTACATAA 2078 ACCGCGGATCTAACGAATCCCATT AATGGGATTCGTTAGATCCGCGGT 2080 TACCGCTTCAAAGGGTTGCCGAAT 2080 TACCGCTTAACGAATCCCATT ATGCGCAACCACACATAA 2080 TACCGCTTCAAAGGGTTGCCGAAT 2081 GCACCGCGTCAATATTACCGAGGA TCCTCGGTAAACTCGCGGTGC 2082 GTGTCGCGGCTTTACAGAAGGAAA TCCTCTGTTAAACCCATTGAACCACCACACACACCACAC	2065	GGTAACGTCGCACGTGGAATTCCG	CGGAATTCCACGTGCGACGTTACC
2068 GGACCGGATAAGACTCTGACGCG CGGCGTCAGAGTCTTATCGGGTCC 2069 ACCCGTTTCTCGTAGGAACCTGCT AGCAGGTTCCTACGAGAAACGGGT 2070 CACGTTCGACTGTATCTGGTTGCC GGCAACCAGATACAGTCGAACGTG 2071 CCTCGGATGGGCCCATGACCTTGA TCAAGGTCATGGGCCCATCCGAGG 2072 GGACGCCTGCTGATAGGGGTTTGAT ATCAAACCCCTACAGCAGGCGTCC 2073 CTCGAGCGTGGGCTAAAAGAGCAT ATCAAACCCCTACAGCAGGCGTCC 2074 TTTACTTCTTAGGGCGCTTTGGG CCCAAACGCGCCCCTAAGAAGTAAA 2075 ACCACCAACATAGCGCGCACTAGT ACTACGCGCGCCCTAAGAAGTAAA 2076 TGGTTACACGGCAGCCGGGTAAG CTTACGCGGCGCCTATGTTGGTGT 2076 TGGTTACACGGCAGCCGGGTAAG CTTACGCGGCCCTAGAGAGTAACCA 2077 TTATGGTACGTTGCTGCGGG CCCGCACGCAGCAACGTACCATAA 2078 ACCGCGGATCTAACGAATCCCATT AATGGGATTCGTTAGATCCGGGT 2080 TACCCCCCCTTAGGTTAACC GCTTAACCAAGAGCGGCCCTTAGAACGAGCGC 2080 TACCCGCTTCAAAGGTTGCCGAAT ATTCGGCAACCCTTTGAACCGGT 2080 TACCCGCTTCAAAAGGTTGCCGAAT ATTCGGCAACCCTTTGAAGCGGTG 2081 GCACCGCGTCAATATTACCGAGGA TCCTCGGTAATATTGACGCGGTG 2082 GTGTCGCGGCTTTACAGAAAGGAG TCCTCGGTAATATTGACGCGGTG 2083 GCAAGCCATACCGCAATAAACTCC CGAGTTTATTGCGGTACCAC 2084 ATGAGGTCGTGCGGTTCACGAG TCCCTCTTCTTCTAAAGCCGGGACAC 2085 CGAGACTAGCGCGAATAAACTCC CGAGTTTATTGCGGAACCACCACT 2086 GCCTCATCATAGACGCTGGATGCA TCCCTCTCTCTGTAAAGCCAGCACCTCAT 2086 GCCTCATCATAGACGCTGGATGCA TCCCTCTCTCTGTAAAGCCAGCACCTCAT 2087 GACAGGCGTCGGATGCAGGGTA TACCCTCAGGCACTAGTCTCG 2088 GCAAGGCATCGGCTTCACGA TCCCCCACTGGAACGACCTCAT 2089 GGACAACATCTCCCTGTCGCCAC CTGGCACACGACCTCAT 2090 GACAAGACTTCCCTGTCGCCAC CTGGCGACAGGACACTCAGCCCTTTGACCACCCCTTTACATAGACCCTGGATGCA TCCCCACTGGTACAGTTCTCGC 2091 TCATGAACCTTCTGATGCCGCAA TCCCCCACTGGTACAGGTTTATTGTCC 2092 CGCCGCATTACCTTAAAAACTGC GGCGACACGACCTCAT 2093 ACGAGTCCAACCGCCTCATTGATT AATCAGCAGGTTTATTTGTCC 2094 CGCGCAATCATCCTGTCGCCAC GGCGCACACGGCACTCATCGGCACCCCTTTAAAAAACGTGC GCACTTTTTAAGGTAATGCCGCGCAACACGCCCTCATTCAT	2066	ACTTCACAACGCTCCGTTGGACAC	GTGTCCAACGGAGCGTTGTGAAGT
2069 ACCGGTTTCTGTAGGAACCTGCT AGCAAGTTCCTACGAGAAACGGGT 2070 CACGTTCGACTGTATCTGGTTGCC GGCAACCAGATACAGTCGAACGTG 2071 CCTCGGATGGGCCCATGACCTTGA TCAAGGTCATACGGCCCATCCGAGG 2072 GGACGCCTGCTGTAGGGGTTTGAT ATCAAACCCCTACAGCAGGGGTCC 2073 CTCGAGCGTGGGCCTAAAAAGAGCAT ATGCTCTTTTAGCCCACGCTCGAG 2074 TTTACTTCTTAGGGCGCGTTTGGG CCCAAACGCGCCCTAAGAAGTAAA 2075 ACCACCAACATAGCGCGCGCACTAGT ACTAGTGCGCCCTAAGAAGTAAA 2076 TGGTTACACGGCAGCCCGCGTAAG CTTACGCGGCCTAAGAAGTAAA 2077 TTATGGTACGTTCCGCGGG CCCGCCGTAAG 2079 CATGATCCCGCCCTTAGGTTAAGC 2079 CATGATCCCGCCCTTAGGTTAAGC 2080 TACCGCTTCAAAGGGTTGCCGAAT ATTCGGCAACCCTTTGAAGCCGTA 2081 GCACCGCGTAAAAACTCCATT AATGGGATCCTTTGAAGCCGTA 2082 GTGCGCGGCAATAAACTCCATT ATCGGCAACCCTTTGAAGCGGTA 2083 GCAAGCCATACGAACCATTACGAAGGA TCCTCGTAAAACCGGCGGGATCATG 2084 ATGAGGTCGAATAATTACCGAGGA TCCTCGGTAAAATTGACGCGGGTG 2084 ATGAGGTCGTAAAAACTCG CGAGTTTATTGCGGCGGCACAC 2085 CGAGACTAGTGCCGAATAAACTCG CGAGTTTATTGCGGCGACAC 2086 GCCTCATCATAGAACGAGGA TCCCCTTCTGTAAAGCCGCGGACAC 2087 GACAGCCGTGCCGTTCACGAG CTCCGTGAACGCACCCCTTTCCGCCACA 2088 GCAAGCCATACCGCAATAAACTCG CGAGTTTATTGCGGCACCCTCAT 2086 GCCTCATCATAGACGCGGGTACA TCCCTTCGTAAAGCCAGCACTCAT 2087 GACAGCCGTCGCTTCACGAG CTCGTGAACGCACCACCACCTCAT 2088 GCAAGCCATACCGCAATGCACCGCATGCACCCCTTCCGCCACA 2089 TTTGGCAGAACCTTCCCGCCAC GTGGCACACCCCTGTC 2089 GCACAGCCATCCCGGAGAATGCA CTCGGCACTACCGGCACTACCCGCACACCCCCGACACCCCCCCC	2067	CCGAATTATAAAGCGCAAGGCACA	TGTGCCTTGCGCTTTATAATTCGG
2070 CACGTTCGACTGTATCTGGTTGCC 2071 CCTCGGATGGCCCATGACCTTGA 2072 GGACGCCTGCTGAGGGGTTTGAT 2073 CTCGAGCGTGGGCCCATGACCTTGA 2074 TTTACTTCTTAGGGCGCTTTGGG 2074 TTTACTTCTTAGGGCGCTTTGGG 2075 ACCACCAACATAGCGCGCGCACTAGT 2076 TGGTTACACGGCGCCCCGCGTAAG 2077 TTATGGTACCGGCGCCCCGCGTAAG 2077 TTATGGTACCGCGCCCCGCGTAAG 2077 TTATGGTACCGCGCCCCGCGTAAG 2077 TTATGGTACCGTGCCGCGGGG 2079 CATGATCCCGCCCCGCTTAAG 2079 CATGATCCCGCCCTTAAGCTTAAGC 2080 TACCGCTTCAAAGGGTTCCCATT 2080 TACCGCTTCAAAGGGTTGCCGAT 2081 GCACCCACTAATATTACCGAGGA 2082 GTGTCGCGGGTTTACCGAATCCCATT 2083 GCAAGCCATACCGAATCCCATT 2084 ATGGGATCTCAAGAGGGA 2085 CGAAGCCATACTAACGAATCCCATT 2086 CCCCCCCCCTTAAGGTTAAGC 2087 CATGATCCCGCCCTTAAGGTTAAGC 2088 GCAAGCCATACCGAATCACAATATTACCGAGGA 2088 GCAAGCCATACCGCAATAAACTCG 2084 ATGAGGTCGTGCGGTCACGAG 2085 CGAGACTAGCGCAATAAACTCG 2086 GCCCCATAAGTCCGCAATAAACTCG 2086 GCCCCATAAGAGGAGA 2087 GACAGGCGTCGTTCACGAG 2088 GCAAGCCATAGCGCAATAAACTCG 2088 GCCCATACTAGGAGGAT 2086 GCCTCATCATAGACGCGGTGCAATAACCTCG 2087 GACAGGCGTCGGTTCACGAG 2088 GCTCATCATAGACGCTGGATGCA 2089 GCAACCAACCACCACCACCACCACCACCACCACCACCACC	2068	GGACCCGATAAGACTCTGACGCCG	CGGCGTCAGAGTCTTATCGGGTCC
2071 CCTCGGATGGGCCCATGACCTTGA 2072 GGACGCCTGCTGAGGGGTTTGAT 2073 CTCGAGCGTGGGCCCATGAGGGTTTGAT 2074 TTTACTTCTTAGGGCGCTTTGGG 2074 TTTACTTCTTAGGGCGCGTTTGGG 2075 ACCACCACATAGCGCGCCACTAGT 2076 TGGTTACACGGCGCGCTAGT 2077 ACCACCACACATAGCGCGCCACTAGT 2077 ACCACCACACATAGCGCGCCACTAGT 2077 ACCACCACCACATGCGCCCCGGTAAG 2077 ACCACCACCACTGCTGCGGG 2078 ACCACCACCACTGCTGCGGG 2079 CATGATCCCGCCCTTAGGTTAGC 2079 CATGATCCCGCCCTTAGGTTAGC 2080 TACCGCTCCAAAGGGTTGCCGAAT 2081 GCACCGCGTCAAAGATCCCATT 2082 GTGTCGCGGGTTACCAAAGACCCCTTGAGATTCGCGGGTCGCTTTGAAGCGGTACACAAA 2083 GCAAGCCATACCAAATATTACCGAGGA 2084 ATGAGGTCGTGCTGCGTCGAGAAACTCCATCACAAAAACTCG 2085 CGAGACCATACCGCAATAAAACTCG 2086 GCCCCACCAAGAACGACACACACACACACACACACACAC	2069	ACCCGTTTCTCGTAGGAACCTGCT	AGCAGGTTCCTACGAGAAACGGGT
2072 GGACGCTGCTGTAGGGGTTTGAT 2073 CTCGAGCCTGCTGTAGGGGTTTGAT 2074 TTTACTTCTTAGGCCGCGCTTTGGG 2074 TTTACTTCTTAGGCCGCGCTTTGGG 2075 ACCACCAACATAGCGCGCACTAGT 2076 TGGTTACACGGCAGCCCGCGTAAG 2077 TTATGGTACCTGCGTGCGGG 2078 ACCGCGGATCTACACGACCCCGCTAAG 2077 TTATGGTACCGCGCACTAGT 2078 ACCGCGGATCTACGACCCCGCTAAG 2078 ACCGCGGATCTACGACCCCATT 2078 ACCGCGGATCTAACGAATCCCATT 2079 CATGATCCCGCCCTTAGGTTAAGC 2080 TACCGCTTCAAGGATTCCCATT 2080 TACCGCTTCAAGGATTCCCAAT 2081 GCACCGCGTTAACCAAT 2082 GTGTCGCGGCTTACCGAAT 2083 GCAAGCCTAATATACCGAGGA 2084 ATGAGGTCGTCCGAAT 2085 CGAGACCATACCGCAATAAACTCG 2086 GCCTCATCAAGAGAAGACAC 2087 GACAGCCATACCGCAATAAACTCG 2088 GCAGACCATACCGCAATAAACTCG 2087 GACAGGCGTCGCTTCACGAG 2088 GCTCATCATAGACGAGGTA 2088 GCTCATCATAGACGCTGGATCA 2089 GCACAGCCTCATAGACCCCTTCAAG 2080 GCACAGCCTCATAGACCCCTGATCCCCAACCCCTTTCCCCAACCCCTTTCCCCAACCCCTGCCCCACCCCCTTTCCCCAACCCCCTATCCCCCCCC	2070	CACGTTCGACTGTATCTGGTTGCC	GGCAACCAGATACAGTCGAACGTG
2072 CTCGAGCGTGGGCTAAAAGAGCAT 2074 TITACTTCTTAGGGCGCGCTTTGGG 2074 TITACTTCTTAGGGCGCGCTTTGGG 2075 ACCACCAACATAGCGCGCACTAGT 2076 TGGTTACACGGCAGCCCGCGTAAG 2077 TTATGGTACCTTGCTGCGTGCGGG 2078 ACCGCGGATCAACGAACGCACCACATAG 2077 TTATGGTACCTTGACGAATCCCATT 2078 ACCGCGGATCTAACGAATCCCATT 2078 ACCGCGGATCTAACGAATCCCATT 2079 CATGATCCCGCCCTTAGGTTAAGC 2080 TACCGCTTCAAAGGGTTGCCGAAT 2081 GCACCGCGTTAACGAATCCCAAT 2082 GTGTCCCGGCCTAAGGATCCCAAT 2083 GCACCGCGTAAATACCGAAGGA 2084 ATGACGCTTAAAAGGGTTGCCGAAT 2085 CGAGACCATACCGAATAAACTCG 2086 ATGACGCTTTAACAGAAGGAGA 2087 TCCTCGTAAATTGACCGCGGTC 2088 ATGACGCTCAATAAACTCG 2088 ATGACGTCGTGCGTTCACGAG 2086 GCCTCATCATAGACGCGCGATCACTATTGACGCAGCACCTCAT 2087 GACAGCCTTCAAAGCTCTCAAG 2088 GCTACTACTAAGACGCTGGATCA 2088 GCTACCAATAACTCG 2089 TTTGGCAGAACCTCCAAG 2089 GCACACCACCACCACCACCACCACCACCCCTGTC 2080 GCACACCACCACCACCACCACCACCACCCCCTGTC 2080 GCACACCACCACCACCACCACCACCACCCCCTGTC 2081 CACACGCCTCATCACGACCCCCACCCCCCCCCCCCCCCC	2071	CCTCGGATGGGCCCATGACCTTGA	TCAAGGTCATGGGCCCATCCGAGG
2074 TITACTTCTTAGGGCGCGTTTGGG CCCAAACGCGCCCTAAGAAGTAAA 2075 ACCACCAACATAGCGCGCACTAGT ACTAGTGCGCGCTATGTTGGTGGT 2076 TGGTTACACGGCAGCCCGCGTAAG CTTACGCGGGCTGCCGTGAACCA 2077 TTATGGTACGTTGCTGCGTGCGGG CCCGCACGCAGCAACGTACCATAA 2078 ACCGCGGATCTAACGAATCCCATT AATGGGATTCGTTAGATCCGCGGT 2079 CATGATCCCGCCCTTAGGTTAAGC GCTTAACCTAAGGGCGGGATCATG 2080 TACCGCTTCAAAGGGTTGCCGAAT ATTCGGCAACCCTTTGAAGCGGTA 2081 GCACCGCGTCAATATTACCGAGGA TCCTCTGTAAAGCCGGTGC 2082 GTGTCGCGGCTTTACAGAAGGAGA TCTCCTTCTGTAAAGCCGCGACAC 2083 GCAAGCCATACCGCAATAAACTCG CGAGTTATTTGCGGTATGGTTGC 2084 ATGAGGTCGTGCGTCACGAGA TACCCTCATGAAGCACCCTCAT 2085 CGAGACTAGTGCCGATGCAGGGTA TACCCTGCAACCAGACCTCAT 2086 GCCTCATCATAGACGCTGGATGCA TCCCTTCGCAACGCACACCACCTCAT 2087 GACAGGCGTCGGTAAGCTCTCAAG CTTGAAACCGCAGCACACCCTGCT 2088 GCTACGAATCTTCCCTGTCGCCAC GTGGCGACAGGAAGATTCGTAGC 2089 TTTGGCAGAACGTACCAGTGGGGT ACCCCACTGGTACGTTCTGCC 2090 GGACAATAAGCACCGGAGAATTGCC GCACTTCTCCGAAA 2090 CGCCGCATTACCTTAAAAACGTGC CGCACTTCTCAGGTCCCAAA 2091 TCATGAACCTTCTGATGCCGCGAA 2092 CGCCGCATTACCTTAAAAACGTGC CGCACTTTTAAGGTAATGCCGACCTGTT 2094 GCGAAGAGTTGCTACCGCACC GGCGCATCAGAAGGTTCATGA 2095 CGTCGGCAACAATCTTTTTCCGCC GCCGCGTTTTTAAGGTAATGCGCCG 2096 AACGATCCAACCGCCTCATTGATT AATCAATGAGGCCGTTGACACCCGC 2097 ACCATGAACCTCTCAACCCCCCCACTTGATT AATCAATGAGGCGGTTGGACCCGT 2098 GCACATTACCTTAAAAACGTGC GCACGTTTTTAAGGTAATGCCGCCG 2091 TCATGAACCTTCTGATCCCGCCGCAAA 2092 CGCCGCATTACCTTAAAAACGTGC GCACGTTTTTAAGGTAATGCGCCG 2093 ACGAGTCCAACCGCCTCATTGATT AATCAATGAGGCCGTTGGACCTCTCCGC 2094 GCGAAGAACAATCTTTTTCCTGCC GCCGCAAAAAAGATTGTTGCCCACACCGCTCATTGATT AATCAATGAGGCGGTTGGACCAACCGCCTCATTGATT AATCAATGAGGCGGTTGAACCACCGAACAACCTCTTCCGC 2095 CGTCGGCAACAACATCTTTTTCCTGCC GCCGCTCACCGGGTGCACAAGGTTCAACCGGCAAAAAAAA	2072	GGACGCCTGCTGTAGGGGTTTGAT	ATCAAACCCCTACAGCAGGCGTCC
2075 ACCACCAACATAGCGCGCACTAGT ACTAGTGCGCGCTATGTTGGTGGT 2076 TGGTTACACGGCAGCCCGCGTAAG CTTACGCGGGCTGCCGTGAACCA 2077 TTATGGTACGTTGCTGCGTGCGGG CCCGCACGCAGCAACGTACCATAA 2078 ACCGCGGATCTAACGAATCCCATT AATGGGATTCGTTAGATCCGCGGT 2079 CATGATCCCGCCCTTAGGTTAAGC GCTTAACCTAAGGGCGGGATCATG 2080 TACCGCTTCAAAGGGTTGCCGAAT ATTCGGCAACCCTTTGAAGCGGTA 2081 GCACCGCGTCAATATTACCGAGGA TCCTCGGTAATATTGACGCGGTGC 2082 GTGTCGCGGCTTTACAGAAGGAGA TCCTCTGTAAAGCCGCGACAC 2083 GCAAGCCATACCGCAATAAACTCG CGAGTTTATTGCGGTATGGTTGC 2084 ATGAGGTCGTGCGTTCACAGA CTCGTGAACCGAGCACCCTCAT 2085 CGAGACTAGTGCCGATGCAGGGTA TACCCTGCATCGGCACCACAC 2086 GCCTCATCATAGACGCTGGATGCA TCCCTTGCAACGCACCACACCTCAT 2087 GACAGGCGTAGCAGGGTA TACCCTGCATCGGCACTAGTCTCG 2088 GCTACGAATCTTCCCTGTCGCCAC CTTGAGAGCTTACCGACGCCTGTC 2089 TTTGGCAGAACGTACCAGTGGGGT ACCCCACTGGTACGTTCTGCCAAA 2090 GGACAATAAGCACCGGAGAATGCC CGCATTCTCCCGAAA 2091 TCATGAACCTTCTAAGACGCTGCAT 2091 TCATGAACCTTCTAAGACGCGGAAATTGCC 2093 ACGAGTCCAACCGCGAGAATGCC GCACTTTTTAGGCGTCATGAA 2092 CGCCGCATTACCTTAAAAACGTGC GCACGTTTTTAAGGTAATGCGCG 2093 ACGAGTCCAACCGCCTCATTGATT AATCAATGAGGCGGTTGATTGCC 2094 GCGAAGAGTTGCTACCTTCAGCC GCACGTTTTTAAGGTAATGCGGCG 2095 CGTCGGCAACAACTCTTTTTCCGCC GCCGCATTCTCCGGACCTTTATTGTCC 2096 AATCCTGTGCACCCGTGAGACGCC CGCGTTCTACGGGTTGCCAACCTCTTCCGC 2097 AACCAACACCGCCTCATTGATT AATCAATGAGGCGGTTGGACTCGTC 2098 GACAATAAGCACCGCCTCATTGATT AATCAATGAGGCGGTTGGACCAGGATT 2099 CGCCGCATTACCTTTAAAAACGTGC GCCGCTTCACGGGTGCACAGGATT 2099 CGCCGCAACAACTCTTTTCCGCC GCCGCTCACCGGGTGCACAGGATT 2097 AACCTATATGCACCACGGAGACCCGCGGAAA TTCCCGGCGTTGATGCCACAGGATT 2098 GACATTATGCACCACGCCCCCCTCATTGATT AATCAATGAGGCGGTGCACAGGATT 2099 CACCTATTGCACCCCGGAAAAACAGCCCGGAAAAAAGATTGTTGCCAAGAGTTCCCGCCGACAAAAAAGATTGTTGCCAACCGCCTCATTGATT AATCACTCACGGGTGCACAGGATT 2099 CTCTATGGCCACCGGTGGACACAATCTTTCCGCC GCCGCTTGATGCACAAAAAGATTGTTGCCAAAAAAAGATCTTTTCCGCC GCCGCTTGATGCAAAAAAGATTGTTGCCAAAAAAAAACAGCCCGGAAAAAACAGCCCGGAAAAAA	2073	CTCGAGCGTGGGCTAAAAGAGCAT	ATGCTCTTTTAGCCCACGCTCGAG
2016 TGGTTACACGGCAGCCGCGTAAG CTTACGCGGGCTGCCGTGTAACCA 2017 TTATGGTACGTTGCTGCGTGCGGG CCCGCACGCAGCAACGTACCATAA 2018 ACCGCGGATCTAACGAATCCCATT AATGGGATTCGTTAGATCCGCGGT 2019 CATGATCCCGCCCTTAGGTTAAGC GCTTAACCTAAGGGCGGGATCATG 2010 TACCGCTTCAAAGGGTTGCCGAAT ATTCGGCAACCCTTTGAAGCGGTA 2011 GCACCGCGTCAATATTACCGAGGA TCCTCGGTAATATTGACGCGGTA 2012 GTGTCGCGGCTTTACAGAAGGAGA TCCTCTGGTAAAGCCGCGTAC 2013 GCAAGCCATACCGCAATAAACTCG CGAGTTTATTGCGGTATGCCGACAC 2013 GCAAGCCATACCGCAATAAACTCG CGAGTTTATTGCGGTATGCCTTGC 2014 ATGAGGTCGTGCTGCTTCACGAG CTCGTGAACGCACACCCTCAT 2015 CGAGACTAGTGCCGATGCAGGGTA TACCCTGCATCGGCACTAGTCTCG 2016 GCCTCATCATAGACGCTGGATGCA TGCATCCAGCGCTTATGATGAGGC 2017 GACAGGCGTCGGTAAGCTCTCAAG CTTGAGAGCTTACCGACGCCTGTC 2018 GCTACGAATCTTCCCTGTCGCCAC GTGGCGACAGGGAAGATTCGTAGC 2018 TTTGGCAGAACGTACCAGTGGGGT ACCCCACTGGTACGTTCTGCCAAA 2019 GGACAATAAGCACCGGAGAATGCG CGCATTCTCCGGTGCTTATTGTCC 2019 TCATGAACCTTCTGATGCCGCGAA TTCGCGGCACTAGAAGGTTCATGA 2020 CGCCGCATTACCTTAAAAACGTGC GCACTTTTTAAGGTAATGCGGCG 2020 ACGAGTCCAACCGCCTCATTGATT AATCAATGAGGGCGTTGGACTCTTCGC 2020 GCCGCATTACCTTAAAAACGTGC GCACGTTTTTAAGGTAATGCGGCG 2020 ACGAGTCCAACCGCCTCATTGATT AATCAATGAGGGCGTTTGACTCGC 2020 GCCGCACTACCTTTCTTCCGCC GCGGAAAGAGATTGTTCGCCACG 2020 CGCCGCATTACCTTAAAAACGTGC GCACGTTTTTAAGGTAATGCGGCG 2020 ACGAGTCCAACCGCCTCATTGATT AATCAATGAGGGCGTTTGACTCTCGC 2020 GCCGCATTACCTTAAAAACGTGC GCACGTTTTTAAGGTAATGCGGCG 2020 ACGAGAGTTGCTACTCTTCCGCC GCGGAAAAAAGATTGTTGCCGACG 2020 GCCGCAACAATCTTTTTCGTGA TCACGAAAAAAGATTGTTGCCGACG 2020 GCCGCAACAATCTTTTTCGTGA TCACGAAAAAAGATTGTTGCCGACG 2020 AACCTATATGCACCCGTGAGACGC CGCGTCTCACGGGTGCACAGGATT 2020 GAACATAAGCACCGCGTGAGACGC GCCGCTCTCACGGGTGCACAGGATT 2020 GCACAAAAAAAACAGCCCGGAAAACAGCCCGGAAAACAGCCCAGAAACAGCCCAGAAACAGCCCGGAAAACAGCCCGGAAAACAGCCCGGAAAAAA	2074	TTTACTTCTTAGGGCGCGTTTGGG	CCCAAACGCGCCCTAAGAAGTAAA
2077 TTATGGTACGTTGCTGCGTGCGGG CCCGCACGCAGCAACGTACCATAA 2078 ACCGCGGATCTAACGAATCCCATT AATGGGATTCGTTAGATCCGCGGT 2079 CATGATCCCGCCCTTAGGTTAAGC GCTTAACCTAAGGGCGGGATCATG 2080 TACCGCTTCAAAGGGTTGCCGAAT ATTCGGCAACCCTTTGAAGCGGTA 2081 GCACCGCGTCAATATTACCGAGGA TCCTCGGTAATATTGACGCGGTC 2082 GTGTCGCGGCTTTACAGAAGGAGA TCTCCTTCTGTAAAGCCGCGTAC 2083 GCAAGCCATACCGCAATAAACTCG CGAGTTTATTGCGGTATGGCTTGC 2084 ATGAGGTCGTGCTGCGTTCACGAG CTCGTGAACGCAGCACCCTCAT 2085 CGAGACTAGTGCCGATGCAGGGTA TACCCTGCATCAGGCACTCAT 2086 GCCTCATCATAGACGCTGGATGCA TGCATCCAGCGCTCTATGATGAGGC 2087 GACAGGCGTCGGTAAGCTCTCAAG CTTGAGAGCTTACCGACGCCTGTC 2088 GCTACGAATCTTCCCTGTCGCCAC GTGGCGACAGGACACGCCTGTC 2089 TTTGGCAGAACGTACCAGTGGGGT ACCCCACTGGTACGTTCTGCCAAA 2090 GGACAATAAGCACCGGAGAATGCG CGCATTCTCCGGTGCTTATTGTCC 2091 TCATGAACCTTCTGATGCCGCGAA TTCGCGGCATCAGAAGGTTCATGA 2092 CGCCGCATTACCTTAAAAACGTGC GCACTTTTTAAGGTAATGCGGCG 2093 ACGAGTCCAACCGCCTCATTGATT AATCAATGAGGCGGTTGGACTCGT 2094 GCGAAGAGTTGCTACTTTCCGCC GGCGGAAGAGTTGACGGCG 2093 ACGAGTCCAACCGCCTCATTGATT AATCAATGAGGCGGTTGGACTCGT 2094 GCGAAGAGTTGCTACTCTTCCGCC GGCGGAAGAGTTGGCACGC 2095 CGTCGGCAACAATCTTTTTCGTGA TCACGAAAAAGATTGTTGCCGACG 2096 AATCCTGTGCACCGTGAGACGC CGCGTCTCACGGGTGCACAGCGCT 2097 AACCTATATGCATCACCGGAGAA TTCCCGGCGTTGATGCCACG 2098 GAACTTAGCACCCGTGAGACGC CGCGTCTCACGGGTGCACAGCACTCTTCCGC 2096 AATCCTGTGCACCCGTGAGACGC CGCGTCTCACGGGTGCACAGGATT 2097 AACCTATATGCATCAACGCGAGCC GGCTCCACTGTATTTGCCAAGTT 2098 GAACTTGGCAAAAACAGCCCGGAAA TTTCCCGGCCTTTTTTTCCCAAGTTCCCAAGAACGATTTTTTCCCAAGTTCTCCAAGAACAACTCTTTTCCACCAACCCCCTCATTGATT AATCAATGAGCAACAACTCTTTCCGC 2096 AATCCTGTGCACCCGTGAGACGC CGCGTCTCACGGGTGCACAAGGTT 2097 AACCTATATGCATCAACGCGAGCC GGCTCCCGTTGATGCAACCAACCAACCCCGTTAACAACCCCGCTTCACGGGCAAAACAGACTTTTTCCCAAGAAAAAAAA	2075	ACCACCAACATAGCGCGCACTAGT	ACTAGTGCGCGCTATGTTGGTGGT
2078 ACCGCGGATCTAACGAATCCCATT AATGGGATTCGTTAGATCCGCGGT 2079 CATGATCCCGCCCTTAGGTTAAGC GCTTAACCTAAGGGCGGGATCATG 2080 TACCGCTTCAAAGGGTTGCCGAAT ATTCGGCAACCCTTTGAAGCGGTA 2081 GCACCGCGTCAATATTACCGAGGA TCCTCGGTAATATTGACGCGGTGC 2082 GTGTCGCGGCTTTACAGAAGGAGA TCTCCTTCTGTAAAGCCGCGACAC 2083 GCAAGCCATACCGCAATAAACTCG CGAGTTTATTGCGGTATGGCTTGC 2084 ATGAGGTCGTGCGTTCACGAG CTCGTGAACGCAGCACGACCACTACCGCAATAAACTCG CGAGTTTATTGCGGTATGGCTTGC 2085 CGAGACTAGTGCCGATGCAGGGTA TACCCTGCATCGGCACTAGTCTCG 2086 GCCTCATCATAGACGCTGGATGCA TGCATCCAGCGCTCATGATGAGGC 2087 GACAGGCGTCGGTAAGCTCTCAAG CTTGAGAGCTTACCGACGCCTGTC 2088 GCTACGAATCTTCCCTGTCGCCAC GTGGCGACAGGAAGATTCGTAGC 2089 TTTGGCAGAACGTACCAGTGGGT ACCCCACTGGTACGTTCTGCCAAA 2090 GGACAATAAGCACCGGAGAATGCG CGCATTCTCCGGTACGTTCATTTTTCCC 2091 TCATGAACCTTCTGATGCCGCGAA TTCGCGGCATCAGAAGGTTCATGA 2092 CGCCGCATTACCTTAAAAACGTGC GCACGTTTTAAGGTAATTGCGCG 2093 ACGAGTCCAACCGCCTCATTGATT AATCAATGAGGCGGTTGGACTCGT 2094 GCGAAGAGTTGCTACTCTTCCGCC GGCGGAAGAGTTGTGCCGCGCG 2095 CGTCGGCAACAACTTTTTCCGCC GGCGGAAAAAGATTGTTGCC 2096 AATCCTGTGCACCCGTGAGACCGC 2097 AACCTATATGCATCAACGCGAGCC GGCTCCACGGGTGCACAGGATT 2098 GAACTTGGCACCCGTGAGACGCC GGCTCCACGGGTGCACAGGTT 2099 CTCTATGGCCGCTTTGCCGCAAA TTTCCGGCCTTTTTTCCCCACGCGTTCACGGTTCACGACACACGCCTCATTGATT TCCCGCGCGAAAAAAGATTGTTGCCGACG 2097 AACCTATATGCATCAACGCGAGCC GGCTCCACGGGTGCACAGGTT 2098 GAACTTGGCACAACACGCCCGGAAA TTTCCGGCCTTTTTTCCCACGCGTTCACAGGTTCACACGCCACACACCCCGTGAGACCCCGGAAA TTTCCCGGCCTTTTTTCCCCACGCTTCACGGGTGCACAGGATT 2099 CTCTATGGCCGTTTGCCGCCAAAAAACAGCCCCGGAAA TTTCCCGGCCTTTTTTCCCACGCCACACACCCCGCTTTTTTCCCACACACA	2076	TGGTTACACGGCAGCCCGCGTAAG	CTTACGCGGGCTGCCGTGTAACCA
2079 CATGATCCCGCCCTTAGGTTAAGC 2080 TACCGCTTCAAAGGGTTGCCGAAT 2081 GCACCGCGTCAATATTACCGAGGA 2082 GTGTCGCGGCTTTACAGAAGGAGA 2083 GCAAGCCATACCGCAATAAACTCG 2084 ATGAGGTCGCGCAATAAAACTCG 2084 ATGAGGTCGCGCAATACCGCAATACCGCGATCATTATTGCGGTATGGCTTGC 2085 CGAGACTAGTGCCGCTTCACGAG 2086 GCCTCATCATAGACGCGGTA 2087 GACAGGCCGTCAATACACCC 2088 GCTCATCATAGACGCTGATGCA 2089 GCAAGCCATCCCGATAGACCCC 2080 GCTCATCATAGACGCTGCATCAAG 2080 GCTCATCATAGACGCTGCATCAAG 2081 GCACAGACCTCCTCAAG 2082 GCACAGACCTCCTCAAG 2083 GCAAGCCTCGTTCCCCCAC 2084 GCACAGAACCTTCCCTGCCCAC 2085 GCACAGAACCTTCCCTGTCGCCAC 2086 GCTCACAGAACCTCCCACC 2087 GACAGACCTCTCAAG 2090 GGACAATAAGCACCGGAGAATGCG 2091 TCATGAACCTTCTGATGCCGCAA 2090 GGACAATAAGCACCGGAGAATGCG 2091 TCATGAACCTTCTAAAAACGTGC 2092 CGCCGCATTACCTTAAAAACGTGC 2093 ACGAGTCCAACCGCCCCATTGATT 2094 GCGAAGAGTTGCTACTTCCGCC 2095 CGTCGGCAACAATCTTTCCGCC 2096 AATCCTGTGCACCCGCGAA 2097 AACCATATGCACCGCGACC 2098 GAACACAACACCGCCTCATTGATT 2098 GAACTTATGCACCCGCGAA 2099 CTCTATGCACCCGGAACCCCCCGGAAACCCGCCTTCCCGCTTCCCGCTTCCCCACCCCCCCC	. 2077	TTATGGTACGTTGCTGCGTGCGGG	CCCGCACGCAGCAACGTACCATAA
2080 TACCGCTTCAAAGGGTTGCCGAAT 2081 GCACCGCGTCAATATTACCGAGGA TCCTCGGTAATATTGACGCGGTAC 2082 GTGTCGCGGCTTTACAGAAGGAGA TCTCCTTCTGTAAAGCCGCGACAC 2083 GCAAGCCATACCGCAATAAACTCG CGAGTTTATTGCGGTATGGCTTGC 2084 ATGAGGTCGTGCGTCACGAG CTCGTGAACGCAGCACCACAC 2085 CGAGACTAGTGCCGATGCAGGGTA TACCCTGCATCGGCACTAGTCTCG 2086 GCCTCATCATAGACGCTGGATGCA TGCATCCAGCGTCTATGATGAGGC 2087 GACAGGCGTCGGTAAGCTCTCAAG CTTGAGAGGCTTACCGACGCTGTC 2088 GCTACGAATCTTCCCTGTCGCCAC GTGGCGACAGGGAAGATTCGTAGC 2089 TTTGGCAGAACGTACCAGTGGGGT ACCCCACTGGTACGTTCTGCCAAA 2090 GGACAATAAGCACCGGAGAATGCG CGCATTCTCCGGTGCTTATTGTCC 2091 TCATGAACCTTCTGATGCCGCGAA TTCGCGGCATCAGAAGGTTCATGA 2092 CGCCGCATTACCTTAAAAACGTGC GCACGTTTTTAAGGTAATGCGGCG 2093 ACGAGTCCAACCGCCTCATTGATT AATCAATGAGGCGGTTGGACTCTTCGC 2094 GCGAAGAGTTGCTACTCTTCCGCC GCCGGAAGAATAGCACCGCTCATTGATT 2094 GCGAAGAGTTGCTACTCTTCCGCC GCCGGAAGAATGCAACTCTTCCGC 2095 CGTCGGCAACAATCTTTTTCGTGA TCACGAAAAAGATTGTTGCCGACG 2096 AATCCTGTGCACCCGTGAGACGC CGCGTCTCACGGGTGCACAGGATT 2097 AACCTATATGCACCACGGACCC GGCTCCACGGGTGCACAGGATT 2098 GAACTTGGCACACCGCGGAAA TTTCCGGGCTTTTTTCCCACGGGTGCACAGGATT 2098 GAACTTGGCACACCGCGGAAA TTTCCGGGCTTTTTTCCCACGGGTGCACAGGATT 2099 CTCTATGGCCACAACACCCCGGAAA TTTCCGGGCCGTTTTTTCCCACGGTTCACAGGGTTCACAGGATT 2099 CTCTATGGCCCGTTTGCACTCTCCACACCCCGTTTTTTTCCCACGGCTTTTTTTCCCACGGCTTTTTTTCCCACGCTTTTTTTCCCACGGCTTTTTTTCCCACGGCTTTTTTTCCCACGGCTTTTTTTCCCACGGCTTTTTTTCCCACGGCTTTTTTTCCCACGGCTTTTTTTCCCACGGCTTTTTTTCCCACGGCTTTTTTTCCCACGGCTTTTTTTCCCACGCTTTTTTTCCCACGCTTTTTTTCCCACGGCTTTTTTTCCCACGCTTTTTTTCCCACGCTTTTTTTCCCACGCTTTTTTTCCCACGCTTTTTTTCCCACGCTTTTTTTCCCACACCCCGTTTTTTTCCCACACCCCGTTTTTTTCCCACACCCCCACACACCCCCACACACCCCCACACACCCC	2078	ACCGCGGATCTAACGAATCCCATT	AATGGGATTCGTTAGATCCGCGGT
2081 GCACCGCGTCAATATTACCGAGGA TCCTCGGTAATATTGACGCGGTGC 2082 GTGTCGCGGCTTTACAGAAGGAGA TCTCCTTCTGTAAAGCCGCGACAC 2083 GCAAGCCATACCGCAATAAACTCG CGAGTTTATTGCGGTATGGCTTGC 2084 ATGAGGTCGTGCTGCGTTCACGAG CTCGTGAACGCAGCACGACCTCAT 2085 CGAGACTAGTGCCGATGCAGGGTA TACCCTGCATCGGCACTAGTCTCG 2086 GCCTCATCATAGACGCTGGATGCA TGCATCCAGCGCTCATGATCAGGC 2087 GACAGGCGTCGGTAAGCTCTCAAG CTTGAGAGCTTACCGACGCCTGTC 2088 GCTACGAATCTTCCCTGTCGCCAC GTGGCGACAGGGAAGATTCGTAGC 2089 TTTGGCAGAACGTACCAGTGGGGT ACCCCACTGGTACGTTCTGCCAAA 2090 GGACAATAAGCACCGGAGAATGCG CGCATTCTCCGGTGCTTATTGTCC 2091 TCATGAACCTTCTGATGCCGCGAA TTCGCGGCGATCAGAAGGTTCATGA 2092 CGCCGCATTACCTTAAAAACGTGC GCACGTTTTTAAGGTAATGCGGCG 2093 ACGAGTCCAACCGCCTCATTGATT AATCAATGAGGCGGTTGGACTCGT 2094 GCGAAGAGTTGCTACTCTTCCGCC GGCGGAAGAGTAGCAACTCTTCGC 2095 CGTCGGCAACAATCTTTTTCGTGA TCACGAAAAAGATTGTTGCCGACG 2096 AATCCTGTGCACCCGTGAGACGCC CGCGTCCACGGGTGCACAGGGTT 2097 AACCTATATGCATCAACGCGAGCC GGCTCCACGGGTGCACAGGTT 2098 GAACTTGGCAACAACGCCCGGAAA TTTCCCGGCTTTTTGCCAAGTT 2098 GAACTTGGCAAAACAGCCCGGAAA TTTCCCGGCTGATGCATTAGGTT 2099 CTCTATGGCCAAAACAGCCCGGAAA TTTCCCGGCCAAACGGCCATAAGGCCCAAAACAGCCCCGAAAAACAGCCCCGAAAAACGGCCCATAAGAGATTGCCAAACCGCCATAAGACAACAGCCCGGAAA ATTTCCCGGCCAAAACCGCCCATAAGAGAAAACAGCCCGGAAAAACAGCCCGGAAA ATTTCCCGGCCAAAACCGCCCATAAGAGAAAAAACAGCCCGGAAAAACAACGCCCGGAAA ATTTCCCGGCCAAAACCGCCCAAAAACAACCCCGGTTGAACCAACC	2079	CATGATCCCGCCCTTAGGTTAAGC	GCTTAACCTAAGGGCGGGATCATG
2082 GTGTCGCGGCTTTACAGAAGGAGA TCTCCTTCTGTAAAGCCGCGACAC 2083 GCAAGCCATACCGCAATAAACTCG CGAGTTTATTGCGGTATGGCTTGC 2084 ATGAGGTCGTGCTGCGTTCACGAG CTCGTGAACGCAGCACGACCTCAT 2085 CGAGACTAGTGCCGATGCAGGGTA TACCCTGCATCGGCACTAGTCTCG 2086 GCCTCATCATAGACGCTGGATGCA TGCATCCAGCGTCTATGATGAGGC 2087 GACAGGCGTCGGTAAGCTCTCAAG CTTGAGAGCTTACCGACGCCTGTC 2088 GCTACGAATCTTCCCTGTCGCCAC GTGGCGACAGGAAGATTCGTAGC 2089 TTTGGCAGAACGTACCAGTGGGGT ACCCCACTGGTACGTTCTGCCAAA 2090 GGACAATAAGCACCGGAGAATGCG CGCATTCTCCGGTGCTTATTGTCC 2091 TCATGAACCTTCTGATGCCGCGAA TTCGCGGCATCAGAAGGTTCATGA 2092 CGCCGCATTACCTTAAAAACGTGC GCACGTTTTTAAGGTAATGCGGCG 2093 ACGAGTCCAACCGCCTCATTGATT AATCAATGAGGCGGTTGGACTCGT 2094 GCGAAGAGTTGCTACTCTTCCGCC GGCGGAAGAGTAGCAACTCTTCGC 2095 CGTCGGCAACAATCTTTTTCGTGA TCACGAAAAAGATTGTTGCCGACG 2096 AATCCTGTGCACCCGTGAGACGCG CGCGTCTCACGGGTGCACAGGATT 2097 AACCTATATGCATCAACGCGAGCC GGCTCCACGGGTGCACAAGGTT 2098 GAACTTGGCAAAACAGCCCGGAAA TTTCCGGGCTGTTTTTCCCAAGTTC 2099 CTCTATGGCCGTTTGCCGTCTGCA TGCAGAAAACGGCCATAGAG 2100 AGTGCACCGGTTTGTGGACACAAT ATTGTGTCCACAACCGCCATAGAG	2080	TACCGCTTCAAAGGGTTGCCGAAT	ATTCGGCAACCCTTTGAAGCGGTA
2083 GCAAGCCATACCGCAATAAACTCG CGAGTTTATTGCGGTATGGCTTGC 2084 ATGAGGTCGTGCTGCGTTCACGAG CTCGTGAACGCAGCACGACCTCAT 2085 CGAGACTAGTGCCGATGCAGGGTA TACCCTGCATCGGCACTAGTCTCG 2086 GCCTCATCATAGACGCTGGATGCA TGCATCCAGCGTCTATGATGAGGC 2087 GACAGGCGTCGGTAAGCTCTCAAG CTTGAGAGCTTACCGACGCCTGTC 2088 GCTACGAATCTTCCCTGTCGCCAC GTGGCGACAGGGAAGATTCGTAGC 2089 TTTGGCAGAACGTACCAGTGGGGT ACCCCACTGGTACGTTCTGCCAAA 2090 GGACAATAAGCACCGGAGAATGCG CGCATTCTCCGGTGCTTATTGTCC 2091 TCATGAACCTTCTGATGCCGCGAA TTCGCGGCATCAGAAGGTTCATGA 2092 CGCCGCATTACCTTAAAAACGTGC GCACGTTTTTAAGGTAATGCGGCG 2093 ACGAGTCCAACCGCCTCATTGATT AATCAATGAGGCGGTTGGACTCGT 2094 GCGAAGAGTTGCTACTCTTCCGCC GGCGGAAGAGTAGCAACTCTTCGC 2095 CGTCGGCAACAATCTTTTTCGTGA TCACGAAAAAGATTGTTGCCGACG 2096 AATCCTGTGCACCCGTGAGACGCG CGCGTTCACGGGTGCACAGGATT 2097 AACCTATATGCATCAACGCGAGCC GGCTCCACGGGTGCACAAGGTT 2098 GAACTTGGCAAAACAGCCCGGAAA TTTCCGGGCTTGATTGCCAAGTTC 2099 CTCTATGGCCAAAACAGCCCGGAAA TTTCCGGGCTGTTTTTCCCAAGTTC 2099 CTCTATGGCCAAAACAGCCCGGAAA TTTCCCGGCCAAACCGCCAAACGCCCAAACAGCCCAAACAACCCCGGTGCACAACAACGCCAACAACAACAGCCCGGAAAA TTTCCCGGCCTTTTTTCCCAAAGTTC 2099 CTCTATGGCCAAAACAGCCCGGAAA TTTCCCGGCCAAACCCCGGTGCACTAAGAG 2100 AGTGCACCGGGTTGTGGACACAAT ATTGTGCCACAACCCCGGTGCACT	2081	GCACCGCGTCAATATTACCGAGGA	TCCTCGGTAATATTGACGCGGTGC
2084 ATGAGGTCGTGCGTTCACGAG CTCGTGAACGCAGCACGACCTCAT 2085 CGAGACTAGTGCCGATGCAGGGTA TACCCTGCATCGGCACTAGTCTCG 2086 GCCTCATCATAGACGCTGGATGCA TGCATCCAGCGTCTATGATGAGGC 2087 GACAGGCGTCGGTAAGCTCTCAAG CTTGAGAGCTTACCGACGCCTGTC 2088 GCTACGAATCTTCCCTGTCGCCAC GTGGCGACAGGGAAGATTCGTAGC 2089 TTTGGCAGAACGTACCAGTGGGGT ACCCCACTGGTACGTTCTGCCAAA 2090 GGACAATAAGCACCGGAGAATGCG CGCATTCTCCGGTGCTTATTGTCC 2091 TCATGAACCTTCTGATGCCGCGAA TTCGCGGCGTTCATGATGAC 2092 CGCCGCATTACCTTAAAAACGTGC GCACGTTTTTAAGGTAATGCGGCG 2093 ACGAGTCCAACCGCCTCATTGATT AATCAATGAGGCGGTTGGACTCGT 2094 GCGAAGAGTTGCTACTCTTCCGCC GGCGGAAGAGTAGCAACTCTTCGC 2095 CGTCGGCAACAATCTTTTTCGTGA TCACGAAAAAGATTGTTGCCGACG 2096 AATCCTGTGCACCCGTGAGACGCG CGCGTCTCACGGGTGCACAGGATT 2097 AACCTATATGCATCAACGCGAGCC GGCTCGCGTTGATGCATAGGTT 2098 GAACTTGGCAAAACAGCCCGGAAA TTTCCGGGCTGTTTTTGCCAAGTC 2099 CTCTATGGCCATTGGCACACAAT ATTGTGTCCACAACCGGCCATAGAG 2100 AGTGCACCGGGTTGGACACAAT ATTGTGTCCACAACCCGGTGCACT	2082	GTGTCGCGGCTTTACAGAAGGAGA	TCTCCTTCTGTAAAGCCGCGACAC
2085 CGAGACTAGTGCCGATGCAGGGTA TACCCTGCATCGGCACTAGTCTCG 2086 GCCTCATCATAGACGCTGGATGCA TGCATCCAGCGTCTATGATGAGGC 2087 GACAGGCGTCGGTAAGCTCTCAAG CTTGAGAGCTTACCGACGCCTGTC 2088 GCTACGAATCTTCCCTGTCGCCAC GTGGCGACAGGGAAGATTCGTAGC 2089 TTTGGCAGAACGTACCAGTGGGGT ACCCCACTGGTACGTTCTGCCAAA 2090 GGACAATAAGCACCGGAGAATGCG CGCATTCTCCGGTGCTTATTGTCC 2091 TCATGAACCTTCTGATGCCGCGAA TTCGCGGCATCAGAAGGTTCATGA 2092 CGCCGCATTACCTTAAAAACGTGC GCACGTTTTTAAGGTAATGCGGCG 2093 ACGAGTCCAACCGCCTCATTGATT AATCAATGAGGCGGTTGGACTCGT 2094 GCGAAGAGTTGCTACTCTTCCGCC GGCGGAAGAGTAGCAACTCTTCGC 2095 CGTCGGCAACAATCTTTTTCGTGA TCACGAAAAAGATTGTTGCCGACG 2096 AATCCTGTGCACCCGTGAGACGCC CGCGTCTCACGGGTGCACAGGATT 2097 AACCTATATGCATCAACGCGAGCC GGCTCGCGTTGATGCATATAGGTT 2098 GAACTTGGCAAAACAGCCCGGAAA TTTCCGGGCTGTTTTGCCAAGTC 2099 CTCTATGGCCGTTTGCCGTCTGCA TGCAGACCGCCATAGAG 2100 AGTGCACCGGGTTGGACACAAT ATTGTGTCCACAACCCGGTGCACT	2083	GCAAGCCATACCGCAATAAACTCG	CGAGTTTATTGCGGTATGGCTTGC
2086 GCCTCATCATAGACGCTGGATGCA 2087 GACAGGCGTCGGTAAGCTCTCAAG 2088 GCTACGAATCTTCCCTGTCGCCAC 2089 TTTGGCAGAACGTACCAGTGGGGT 2090 GGACAATAAGCACCGGAGAATGCG 2091 TCATGAACCTTCTGATGCCGCAA 2092 CGCCGCATTACCTTAAAAACGTGC 2093 ACGAGTCCAACCGCCTCATTGATT 2094 GCGAAGAGTTGCTACTTCAGT 2094 GCGAAGAGTTGCTACTTCCGCC 2095 CGTCGGCAACACTCTTTCCGCC 2096 AATCCTGTGCACCCGTGAGACGCC 2097 AACCTATATGCACCCGTGAGACGCC 2098 GAACTTGCACCCGTGAGACGCC 2099 CTCTATGGCAAAAACAGCCCGGAAA TTCCGGGCTTTTTCGCACCGCCTCATTGATT 2096 CGCCGCATCACCGCCTCATTGATT 2097 AACCTATATGCATCACCGCGCCCCGAAA TTCCCGGCTTCCACGGGTGCACAGGATT 2098 GAACTTGGCAAAACAGCCCGGAAA TTTCCGGGCTTTTTCCCAAGTT 2099 CTCTATGGCCGTTTGCCGCC ATTCTCCGCC TTCACGAAAAACAGCCCGGAAA TTTCCGGGCTTTTTTCCCAAGTT TTCCGGGCTGTTTTTCCCAAGTT TTCCGGGCTGTTTTTCCCAAGTT TTCCGGGCTGTTTTTCCCAAGTT TTCCGGGCTGTTTTTCCCAAGTTC TTCCGGCCTGTTTTTCCCAAGTTC TTCCGGGCTGTTTTTCCCAAGTTC TTCCGGGCTGTTTTTCCCAAGTTC TTCCGGCCTGTTTTTCCCAAGTTC TTCCGGCCTGTTTTTCCCAACCCCGGTGCACAACCCCGGTGCACTAAGAG TTTCCGGGCTGTTTTTCCCAACCCCGGTGCACACCCCGGTGCACTACACCCCGGTGCACTACACCCCGGTGCACTACACCCCGGTGCACTACACCCCGGTGCACTACACCCCGGTGCACTACACCCCGGTGCACTACACCCCGGTGCACTACACCCCGGTGCACCTACACCCCGGTGCACACCCCGGTGCACACCCCGGTGCACACCCCGGTGCACACCCCGGTGCACACCCCGGTGCACCTACACCCCGGTGCACCTACACCCCGGTGCACCTACACCCCGGTGCACCTACACCCCGGTGCACCTACACCCCGGTGCACCTACACCCCGGTGCACACCCCGGTGCACACCCCGGTGCACACCCCGGTGCACCCCCTACACCCCGGTGCACCCCCCCC	2084	ATGAGGTCGTGCTGCGTTCACGAG	CTCGTGAACGCAGCACCTCAT
2087 GACAGGCGTCGGTAAGCTCTCAAG CTTGAGAGCTTACCGACGCCTGTC 2088 GCTACGAATCTTCCCTGTCGCCAC GTGGCGACAGGGAAGATTCGTAGC 2089 TTTGGCAGAACGTACCAGTGGGGT ACCCCACTGGTACGTTCTGCCAAA 2090 GGACAATAAGCACCGGAGAATGCG CGCATTCTCCGGTGCTTATTGTCC 2091 TCATGAACCTTCTGATGCCGCGAA TTCGCGGCATCAGAAGGTTCATGA 2092 CGCCGCATTACCTTAAAAACGTGC GCACGTTTTTAAGGTAATGCGGCG 2093 ACGAGTCCAACCGCCTCATTGATT AATCAATGAGGCGGTTGGACTCGT 2094 GCGAAGAGTTGCTACTCTTCCGCC GGCGGAAGAGTAGCAACTCTTCGC 2095 CGTCGGCAACAATCTTTTTCGTGA TCACGAAAAAGATTGTTGCCGACG 2096 AATCCTGTGCACCCGTGAGACGCG CGCGTCTCACGGGTGCACAGGATT 2097 AACCTATATGCATCAACGCGAGCC GGCTCGCGTTGATGCATATAGGTT 2098 GAACTTGGCAAAACAGCCCGGAAA TTTCCGGGCTGTTTTGCCAAGTTC 2099 CTCTATGGCCGTTTGCCGTCTGCA TGCAGACAACCCGGTGCACT	2085	CGAGACTAGTGCCGATGCAGGGTA	TACCCTGCATCGGCACTAGTCTCG
2088 GCTACGAATCTTCCCTGTCGCCAC GTGGCGACAGGGAAGATTCGTAGC 2089 TTTGGCAGAACGTACCAGTGGGGT ACCCCACTGGTACGTTCTGCCAAA 2090 GGACAATAAGCACCGGAGAATGCG CGCATTCTCCGGTGCTTATTGTCC 2091 TCATGAACCTTCTGATGCCGCGAA TTCGCGGCATCAGAAGGTTCATGA 2092 CGCCGCATTACCTTAAAAACGTGC GCACGTTTTTAAGGTAATGCGGCG 2093 ACGAGTCCAACCGCCTCATTGATT AATCAATGAGGCGGTTGGACTCGT 2094 GCGAAGAGTTGCTACTCTTCCGCC GGCGGAAGAGTAGCAACTCTTCGC 2095 CGTCGGCAACAATCTTTTTCGTGA TCACGAAAAAGATTGTTGCCGACG 2096 AATCCTGTGCACCCGTGAGACGCC CGCGTCTCACGGGTGCACAGGATT 2097 AACCTATATGCATCAACGCGAGCC GGCTCGCGTTGATGCATATAGGTT 2098 GAACTTGGCAAAACAGCCCGGAAA TTTCCGGGCTGTTTTTGCCAAGTTC 2099 CTCTATGGCCGTTTGCCGTCTGCA TGCAGACACCCGGTGCACT	2086	GCCTCATCATAGACGCTGGATGCA	TGCATCCAGCGTCTATGATGAGGC
TITIGGCAGAACGTACCAGTGGGGT ACCCCACTGGTACGTTCTGCCAAA 2090 GGACAATAAGCACCGGAGAATGCG CGCATTCTCCGGTGCTTATTGTCC 2091 TCATGAACCTTCTGATGCCGCGAA TTCGCGGCATCAGAAGGTTCATGA 2092 CGCCGCATTACCTTAAAAACGTGC GCACGTTTTTAAGGTAATGCGGCG 2093 ACGAGTCCAACCGCCTCATTGATT AATCAATGAGGCGGTTGGACTCGT 2094 GCGAAGAGTTGCTACTCTTCCGCC GGCGGAAGAGTAGCAACTCTTCGC 2095 CGTCGGCAACAATCTTTTTCGTGA TCACGAAAAAGATTGTTGCCGACG 2096 AATCCTGTGCACCCGTGAGACGCG CGCGTCTCACGGGTGCACAGGATT 2097 AACCTATATGCATCAACGCGAGCC GGCTCGCGTTGATGCATATAGGTT 2098 GAACTTGGCAAAACAGCCCGGAAA TTTCCGGGCTGTTTTGCCAAGTTC 2099 CTCTATGGCCGTTTGCCGTCTGCA TGCAGACGGCCATAGAG 2100 AGTGCACCGGGTTGTGGACACAAT ATTGTGTCCACAACCCGGTGCACT	2087	GACAGGCGTCGGTAAGCTCTCAAG	CTTGAGAGCTTACCGACGCCTGTC
2090 GGACAATAAGCACCGGAGAATGCG CGCATTCTCCGGTGCTTATTGTCC 2091 TCATGAACCTTCTGATGCCGCGAA TTCGCGGCATCAGAAGGTTCATGA 2092 CGCCGCATTACCTTAAAAACGTGC GCACGTTTTTAAGGTAATGCGGCG 2093 ACGAGTCCAACCGCCTCATTGATT AATCAATGAGGCGGTTGGACTCGT 2094 GCGAAGAGTTGCTACTCTTCCGCC GGCGGAAGAGTAGCAACTCTTCGC 2095 CGTCGGCAACAATCTTTTTCGTGA TCACGAAAAAGATTGTTGCCGACG 2096 AATCCTGTGCACCCGTGAGACGCG CGCGTCTCACGGGTGCACAGGATT 2097 AACCTATATGCATCAACGCGAGCC GGCTCGCGTTGATGCATATAGGTT 2098 GAACTTGGCAAAACAGCCCGGAAA TTTCCGGGCTGTTTTTGCCAAGTTC 2099 CTCTATGGCCGTTTGCCGTCTGCA TGCAGACGGCCATAGAG 2100 AGTGCACCGGGTTGTGGACACAAT ATTGTGTCCACAACCCGGTGCACT	2088	GCTACGAATCTTCCCTGTCGCCAC	GTGGCGACAGGGAAGATTCGTAGC
2091 TCATGAACCTTCTGATGCCGCGAA TTCGCGGCATCAGAAGGTTCATGA 2092 CGCCGCATTACCTTAAAAACGTGC GCACGTTTTTAAGGTAATGCGGCG 2093 ACGAGTCCAACCGCCTCATTGATT AATCAATGAGGCGGTTGGACTCGT 2094 GCGAAGAGTTGCTACTCTTCCGCC GGCGGAAGAGTAGCAACTCTTCGC 2095 CGTCGGCAACAATCTTTTTCGTGA TCACGAAAAAGATTGTTGCCGACG 2096 AATCCTGTGCACCCGTGAGACGCG CGCGTCTCACGGGTGCACAGGATT 2097 AACCTATATGCATCAACGCGAGCC GGCTCGCGTTGATGCATATAGGTT 2098 GAACTTGGCAAAACAGCCCGGAAA TTTCCGGGCTGTTTTGCCAAGTTC 2099 CTCTATGGCCGTTTGCCGTCTGCA TGCAGACGGCAAACGGCCATAGAG 2100 AGTGCACCGGGTTGTGGACACAAT ATTGTGTCCACAACCCGGTGCACT	2089	TTTGGCAGAACGTACCAGTGGGGT	ACCCCACTGGTACGTTCTGCCAAA
2092 CGCCGCATTACCTTAAAAACGTGC GCACGTTTTTAAGGTAATGCGGCG 2093 ACGAGTCCAACCGCCTCATTGATT AATCAATGAGGCGGTTGGACTCGT 2094 GCGAAGAGTTGCTACTCTTCCGCC GGCGGAAGAGTAGCAACTCTTCGC 2095 CGTCGGCAACAATCTTTTTCGTGA TCACGAAAAAGATTGTTGCCGACG 2096 AATCCTGTGCACCCGTGAGACGCG CGCGTCTCACGGGTGCACAGGATT 2097 AACCTATATGCATCAACGCGAGCC GGCTCGCGTTGATGCATATAGGTT 2098 GAACTTGGCAAAACAGCCCGGAAA TTTCCGGGCTGTTTTGCCAAGTTC 2099 CTCTATGGCCGTTTGCCGTCTGCA TGCAGACGGCAAACGGCCATAGAG 2100 AGTGCACCGGGTTGTGGACACAAT ATTGTGTCCACAACCCGGTGCACT	2090	GGACAATAAGCACCGGAGAATGCG	CGCATTCTCCGGTGCTTATTGTCC
2093 ACGAGTCCAACCGCCTCATTGATT AATCAATGAGGCGGTTGGACTCGT 2094 GCGAAGAGTTGCTACTCTTCCGCC GGCGGAAGAGTAGCAACTCTTCGC 2095 CGTCGGCAACAATCTTTTTCGTGA TCACGAAAAAGATTGTTGCCGACG 2096 AATCCTGTGCACCCGTGAGACGCG CGCGTCTCACGGGTGCACAGGATT 2097 AACCTATATGCATCAACGCGAGCC GGCTCGCGTTGATGCATATAGGTT 2098 GAACTTGGCAAAACAGCCCGGAAA TTTCCGGGCTGTTTTGCCAAGTTC 2099 CTCTATGGCCGTTTGCCGTCTGCA TGCAGACGGCAAACGGCCATAGAG 2100 AGTGCACCGGGTTGTGGACACAAT ATTGTGTCCACAACCCGGTGCACT	2091	TCATGAACCTTCTGATGCCGCGAA	TTCGCGGCATCAGAAGGTTCATGA
2094 GCGAAGAGTTGCTACTCTTCCGCC GGCGGAAGAGTAGCAACTCTTCGC 2095 CGTCGGCAACAATCTTTTTCGTGA TCACGAAAAAGATTGTTGCCGACG 2096 AATCCTGTGCACCCGTGAGACGCG CGCGTCTCACGGGTGCACAGGATT 2097 AACCTATATGCATCAACGCGAGCC GGCTCGCGTTGATGCATATAGGTT 2098 GAACTTGGCAAAACAGCCCGGAAA TTTCCGGGCTGTTTTGCCAAGTTC 2099 CTCTATGGCCGTTTGCCGTCTGCA TGCAGACGGCAAACGGCCATAGAG 2100 AGTGCACCGGGTTGTGGACACAAT ATTGTGTCCACAACCCGGTGCACT	2092	CGCCGCATTACCTTAAAAACGTGC	GCACGTTTTTAAGGTAATGCGGCG
2095 CGTCGGCAACAATCTTTTTCGTGA TCACGAAAAAGATTGTTGCCGACG 2096 AATCCTGTGCACCCGTGAGACGCG CGCGTCTCACGGGTGCACAGGATT 2097 AACCTATATGCATCAACGCGAGCC GGCTCGCGTTGATGCATATAGGTT 2098 GAACTTGGCAAAACAGCCCGGAAA TTTCCGGGCTGTTTTGCCAAGTTC 2099 CTCTATGGCCGTTTGCCGTCTGCA TGCAGACGGCAAACGGCCATAGAG 2100 AGTGCACCGGGTTGTGGACACAAT ATTGTGTCCACAACCCGGTGCACT	2093	ACGAGTCCAACCGCCTCATTGATT	AATCAATGAGGCGGTTGGACTCGT
2096 AATCCTGTGCACCCGTGAGACGCG CGCGTCTCACGGGTGCACAGGATT 2097 AACCTATATGCATCAACGCGAGCC GGCTCGCGTTGATGCATATAGGTT 2098 GAACTTGGCAAAACAGCCCGGAAA TTTCCGGGCTGTTTTGCCAAGTTC 2099 CTCTATGGCCGTTTGCCGTCTGCA TGCAGACGGCAAACGGCCATAGAG 2100 AGTGCACCGGGTTGTGGACACAAT ATTGTGTCCACAACCCGGTGCACT	2094	GCGAAGAGTTGCTACTCTTCCGCC	GGCGGAAGAGTAGCAACTCTTCGC
2097 AACCTATATGCATCAACGCGAGCC GGCTCGCGTTGATGCATATAGGTT 2098 GAACTTGGCAAAACAGCCCGGAAA TTTCCGGGCTGTTTTGCCAAGTTC 2099 CTCTATGGCCGTTTGCCGTCTGCA TGCAGACGGCAAACGGCCATAGAG 2100 AGTGCACCGGGTTGTGGACACAAT ATTGTGTCCACAACCCGGTGCACT	2095	CGTCGGCAACAATCTTTTTCGTGA	
2098 GAACTTGGCAAAACAGCCCGGAAA TTTCCGGGCTGTTTTGCCAAGTTC 2099 CTCTATGGCCGTTTGCCGTCTGCA TGCAGACGGCAAACGGCCATAGAG 2100 AGTGCACCGGGTTGTGGACACAAT ATTGTGTCCACAACCCGGTGCACT	2096	AATCCTGTGCACCCGTGAGACGCG	CGCGTCTCACGGGTGCACAGGATT
2099 CTCTATGGCCGTTTGCCGTCTGCA TGCAGACGGCAAACGGCCATAGAG 2100 AGTGCACCGGGTTGTGGACACAAT ATTGTGTCCACAACCCGGTGCACT	2097	AACCTATATGCATCAACGCGAGCC	
2100 AGTGCACCGGGTTGTGGACACAAT ATTGTGTCCACAACCCGGTGCACT	2098	GAACTTGGCAAAACAGCCCGGAAA	TTTCCGGGCTGTTTTGCCAAGTTC
	2099	CTCTATGGCCGTTTGCCGTCTGCA	TGCAGACGGCAAACGGCCATAGAG
2101 CCTGGCTTTTCACACGCCAAGAAA TTTCTTGGCGTGTGAAAAGCCAGG	2100	AGTGCACCGGGTTGTGGACACAAT	ATTGTGTCCACAACCCGGTGCACT
	2101	CCTGGCTTTTCACACGCCAAGAAA	TTTCTTGGCGTGTGAAAAGCCAGG

2102 CACTCAGCGTAGCCTGAAGCCTGG CCAGACTCAGGCTACAGTG 2103 GAATTATCGACCGCAGCGGTGTCG CGACACCGCTGAGGTGATAATTC 2104 GTGACATCACATGGTGGCCGAGCG CGCTCGGCCACCATGTGATAGTCAC 2105 AGCACCTTGCCGAGTCACCAGTGA TCACTGGTGACTCACCACTGCACCATGTGATGTCAC 2106 TAGGTTGCAGGATCACCAGTGA TCACTGGTGACTCGGCAAGCTGCT 2107 GTCCCATACGTGTGTACGCGGAT ATCCGCGTACCACCATTCCTGCAACCTA 2107 GTCCCATACGTGTGTACGCGGGAT ATCCGCGTACCACACGTATGGGAC 2108 TCGGATACTCTCGCGTGCCACGGG CCCGTGGCACCCAGAGAGTTCCGA 2109 CAACGTTCGCCCCTAAGCCCAAAT ATTTGGGCTTAGGGGCGAACGTTG 2110 GTTAGGTCACCGCGGCATATCCTA TAGGATATGCCGCGTGACCTAAC 2111 GTTCACCGGCCTCTACTTGGGTTT AAACCCAAGTAGAGGCCGAGTGAC 2112 AATCCGCGTCTAGGTCATGTGGTC GACCACATGACACGCGGATAC 2113 GCTACGCCTCTGAGGTGACCC GGGACCCAAGAGCCGAGCC			
2106 GTGACATCACATGGTGGCCGAGCG CGCTCGGCCACCATGTGATGTCAC 2105 AGCACCTTGCCGAGTCACCAGTGA TCACTGGTGACTCGGCAAGGTGCT 2106 TAGGTTGCAGGAATGGTGGGCACC GGTGCCCACCATTCCTGCAACCTA 2107 GTCCCATACGTGTGGTACGCGGAT 2108 TCGGATACCTCCGCGTGCCACGGG CCCGTGGCCACCACTTCCTGCAACCTA 2109 CAACGTTCGCCCCTAAGCCCAAAT ATTCGGCACCGGAGGAGTATCCGA 2100 CAACGTTCGCCCCTAAGCCCAAAT ATTTGGGCTTAGGGGCCGAGGAGTATCCGA 2110 GTTAGGTCACCGCGGCAATACCTA TAGGATTAGGGCCGAACGTTG 2111 GTTCACCGGCCTTACTTGGGTTT AAACCCAAGTAGAGGCCGGTGAAC 2112 AATCCGCGTCTAGGTCATGTGGT GACCACATGACCTAACACCCTAACCACCTAAGCCCAAAT 2113 GCTACGCCTCTGGAGGTGGTACCC GGGTACCACCTCCAGAGGCGTAGC 2114 CAGGGAATGCTACAAAGGGTCCAA TTGGACCCTTTGAGCACCGCGGTTACCC 2115 AAGGGTTAGCTCCCGGTTAACAG CTGTTAACCGGCAGCCGTAGC 2116 CCTCGCAAGCGCGATATTTATGCC GGCAACAATAACCCTTGCAGGCCTACCCTT 2117 GCCTCCCGGTCATGGTCAAGGGAA TTCCCTTGACCACCTCCAGAGCGTAGC 2118 GCTGTTGAGCGGCGACCTTGTGCAC GGCATAAAATATCGCGCTTGCGAGG 2119 CGCTGACTTAGGTCATGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGGC 2119 CGCTGACTTAGCTCTGATGTGCCC CGGCACATCAGAGCCTACCCCT 2120 TTCATGGCATTCATCACGAAGGAA TTCCTTTGACCATGACCCGGCAGGC 2120 TTCATGGCATTCATCACGAAGGAA TTCCTTTGACCATGACCCGGCAGCC 2121 TAGTGTTATGCCCCGCTGTGAATG CATCCACAGGCCTACCAGC 2122 CATGTAAGGGCACCGTGTGCAC GTGCACAGGTCGCCCGTCAACAGC 2122 TAGTGTATGCCCCGCTGTGAATG CATCCACCAGCGGGCACTAACACTA 2121 TAGTGTTATCCCCGCGTGTGAATG CATCCACCAGAGCCATACACACTA 2122 CATGTAAGGGCACCGGTCGTGGGCA TGCCCACAGAGCCATGAACCCTACAGACCTACACACCAGACCCTCCCT	2102	CACTCAGCGTAGCCTGAAGCCTGG	CCAGGCTTCAGGCTACGCTGAGTG
2105 ACACCTTGCCGAGTCACCAGTGA 2106 TAGGTTGCAGGAATGGTGGGCACC GGTGCCCACCATTCCTGCAACCTA 2107 GTCCCATACGTGTGGTACGCGGAT ATCCGCGTACCACCATTCCTGCAACCTA 2108 TCGGATACTCTCGCCTGCCACGGG CCCGTGGCACGCAGAGATATCCGA 2109 CAACGTTCGCCCCTAAGCCCAAAT ATTTGGGCTTAGGGACCACGTATGGGAC 2110 GTTAGGTCACCGCGGCATATCCTA ATTTGGGCTTAGGGACCACGACGTTG 2110 GTTAGGTCACCGCGGCATATCCTA TAGGATATCCGCCGGGAGACCTTAC 2111 GTTCACCGGCCCTACTTGGGTTT AAACCCAAGTAGAGGCCCGGTGAAC 2112 AATCCGCGTCTACTTGGGTTT AAACCCAAGTAGAGCCCGGGTAAC 2113 GCTACGCCTCTGGAGGTGGTACCC GGGTACCACCTCCAGAGGCGTAGC 2114 CAGGGAATGCTACAAAGGGTCCAA TTGGACCCTTCGAGAGCCGGATT 2115 AAGGGTTAGCTCCCGGTTAACAG 2116 CCTCGCAAGCGCGATATTTATGCC GGCATAAAATATCGCGCGTTGCAGC 2117 GCCTCCCGGTCAAGGGAA TTCCCTTGACCCTTCCGAGGCAGCACCTTCCAGAGCCTAACCCTT 2118 GCTGTTGAGCGCGCAATATTTATGCC GGCATAAAATATCGCGCTTCGCAGG 2119 CGCTGCCAGGTCATGGTCAAGGGAA TTCCCTTGACCATGACCCGGAGGC 2119 CGCTGCCGGTCATGGTCAAGGAA TTCCCTTGACCATGACCCGGAGGC 2110 CTCTGAACGCCGCACCTTGGCAC GTGCACAGGCCACACCCTCAACAGC 2111 CATGGCATTAGCTCTGATGTGCCC CGCACATCAAGAGCTAACCCTT 212 TAGTGTTATCCCCGAGAGGAA TTCCTTTCGTGATGACACGCG 2120 TTCATGGCATTCATCACGAAGGAA TTCCTTCGTGATGACACGCG 2121 TAGTGTTATCCCCGCGTGTGATG 2122 CATGTAAGGCACGGTCGTGGGCA TCCCCACGACCGTGCCCTTACATG 2122 CATGTAAGGCACGGTCGTGGGCA TCCCCACGACCGTGCCCTTACATG 2123 CAGGAAGCTCGCTCCGTGAATGCAC TGCCCACGACCGTGCCCTTACATG 2124 CCTGCTGATAGCACCTCACTGCA TGCCACGACCCTGCCCTTACATG 2125 ACTACGAGGGGCACGGTCTAGGCG CGCCACGACCCTGCCCTTACATG 2126 CATAATGTGGGTGTCACGCGGAT ATCGGCGTCAGCACCCCCACATTATG 2127 TAGCGAATCCACAACACGAGCCCTCGCCCTGCCCTCGTAGT 2128 TCGCCAACACCACAACCC GACCACACCC 2130 GCGACCATCTTTGCTATCTGACG CGCCACGACCTTGCACCCCACATTATG 2127 TAGCGAATCCACAACACCACAACTC GAGCGTTCGTTGGTCTACATG 2128 TCGCCACAACCCCACAACTC GAGCGTTGGTTGGATTCGCCA 2131 AGGCCCCCCTTAATTGGTCAT ATGACCACCACACACCACAC	2103	GAATTATCGACCGCAGCGGTGTCG	CGACACCGCTGCGGTCGATAATTC
2106 TAGGTTGCAGGAATGGTGGGCACC GGTGCCACCATTCCTGCAACCTA 2107 GTCCCATACGTGTGGTACGCGGAT ATCCGCGTACCACCGTATGGGAC 2108 TCGGATACTCTCGCGTGCCACGGG CCCGTGGCACGCGAGAGTATCCGA 2109 CAACGTTCGCCCCTAAGCCCAAAT ATTTGGGCTTAGGGGCCAACGGTTG 2110 GTTAGGTCACCGCGCCATATCCTA ATTTGGGCTTAGGGGCCAACGTTG 2111 GTTCACCGGCCCTAACTCCTA TAGGATATGCCGCGGTGAACCACACTTAC 2111 GTTCACCGGCCTCTACTTGGGTTT AAACCCAAGTAGAGGCCGGTGAAC 2112 AATCCGCGTCTAGGTCATGTGGTC GACCACATGACCTAGACGCGGATA 2113 GCTACGCCTCTGGAGGTGGTACCC GGGTACCACCTCCAGAGGCGTAGC 2114 CAGGGAATGCTACAAAGGGTCCAA TTGGACCCTTTGAACGCGGGATT 2115 AAGGGTTAGCTGCCCGGTTAACAG CTGTTAACCGGGCAGCTAACCCTT 2116 CCTCGCAAGGCGCAATATTTATCCC GCCATAAAATATCGCGCTTGCGAGG 2117 GCCTCCCGGTCATGGTCCAAGGGAA TTCCCTTGACCATGACCGGAGGC 2118 GCTGTTGAACGGCGCACCTTTGCAC GGCATAAAATATCGCGCTTCCGGAGGC 2119 CGCTGACTTAGCTCTGATGTCCC CGGCACATCAAGATCACCACCTCAACAGC 2119 CGCTGACTTAGCTCTGATGTGCCC CGGCACATCAAGACCTACACCT 2120 TTCATGGCATTCATCACGAAGGAA TTCCTTTGACCATGACCAGGAGC 2121 TAGTGTTATCCCCGCGTGTAACA 2121 TAGTGTTATCCCCGCGTGTAACA 2122 CATGAAGGGCACCTTCATCACGAAGGAA TTCCTTCGTGATGAACCATGAA 2121 TAGTGTATGCCCGCGTGTGAATG 2122 CAGGAAGCTCGCTCCGTGAACC 2123 CAGGAAGCTCGCTCCGTGAACCACCCCACACGGCCCTTACATG 2124 CCTGCTGATAGCACCTCCACTGCA TGCCCACGACCGTGCCCTTACATG 2125 ACTACGAGGGGCAACCTCACTGCA TGCCACCACCACCGTGCCCTTACATG 2126 CATAATGTGGGTGCTCAGCCCGAT ATCGCACCACCACCCCCCCTCGTAGT 2127 TAGCGAATCCACACACACACCCCCACACT GACCCTGCCCCTCGTAGT 2128 TCGCGAAATCCACACACACCCCCCACACT 2129 TGGCACCACACACACACCCCCACACTC GACCGTGCCCTTGTGTGGCAC 2130 GCGGACCGTCTTTGATTTGCAC GACCCTACACCCCACCACTTTATG 2121 TAGCGAATCCCACACACACACCCCCACACT 2131 AGGCCCCCCCTTTGAATTGGTCAT ATGACCAGACCCTCCCTCGTAGT 2132 CTGGTCCCATAAGCCACCACACTC GACCTGCCCTTGATTGGCCA 2133 TGCTAACTTGCGCGCCTTAATTGGTCAT ATGACCAGACCCTCACTTGGCCCTTTAATTGGTCAT ATGACCAATTACAAGACCGCCCACATTAGCA 2133 TGCTAACTTGCGCCCTTCAATGGCCCCCCCTTGAACCCCCCACATTAGCACCCCACATTAGCACCCCACAACTC GACTTGTGGGGCCCTTGAATGCACCCCACAACTC GACTTGAGCCCGCACTTAGCACCCTTGAACCCTGCCCCTTGAATTGGACCCCCCACAACTAAAAACCACACACA	2104	GTGACATCACATGGTGGCCGAGCG	CGCTCGGCCACCATGTGATGTCAC
2107 GTCCCATACGTGTGATACGCGGAT ATCCGCGTACCACACGTATGGAC 2108 TCGGATACTCTCGCGTGCCACGGG CCCGTGGCACGCGAGAGTATCCGA 2109 CAACGTTCGCCCTAAGCCCAAAT ATTTGGGTTAGGGGCGACGTTG 2110 GTTAGGTCACCGCGGCATATCCTA TAGGATATGCCGCGGTGACCTAAC 2111 GTTCACCGGCCTCTACTTGGGTTT AAACCCCAAGTAGAGGCCGGTAAC 2112 AATCCGCGTCTAGGTCATGTGGTC GACCACATGACCCTAGACGCGGATT 2113 GCTACGCCTCTAGGTGAGTCCC GGGTACCACCTCAGAGGCCGGATT 2114 CAGGGAATGCTACAAAGGGTCCAA TTGGACCCTTCAGAGGCCGGGTTGC 2115 AAGGGTTAGCTGCCCGGTTAACAG CTGTTAACCGGCAGCTAGCC 2116 CCTCGCAAGCGCGGATATTTATGCC GGCATAAATATCGCGCTTGCGAGG 2117 GCCTCCCGGTCATGGTCAAGGGAA TTCCCTTGACCATGACCCCTC 2118 GCTGTTGAGCGGCGAACTTTATGCC GGCATAAAATATCGCGCTTGCGAGG 2119 CGCTGACTTAGCTCTGATGTCCC 2110 CGCTGACTTAGCTCTGATGTCCCC 2111 TAGTGTTATGCCCCGGTTAACAC 2112 CAGGAACCCTCACAGAGAA TTCCTTCGTGATGACACGCACCCTCAACACC 2112 CGCTGACTTAGCTCTGATGTGCCC 2120 TTCATGGCATTCACACAAGGAA TTCCTTCGTGATGAACACCTA 2121 TAGTGTTATGCCCCGGTGTGAATG CATCCACGAGCCACACACACACC 2122 CATGTAAGGGCACGACCTGTGCAC GTGCACACGGCGCGCTAACACCTA 2122 CATGTAAGGGCACGGTCGTGGGCA TGCCCCACGACCGTGCCCCTTACATG 2123 CAGGAAGCTCCCCCGTGATGCAC GTGCACCACGACCGTGCCCCTTACATG 2124 CCTGCTGATAGCAACCTCACTGCA TGCCACCACACCGTGCCCCTTACATG 2125 ACTACGAGGGCAAGGTCTAGGCA TGCACCACGACCGTGCCCCTTACTAGT 2126 CATAATGTGGGGGCAACCCCACACTC GACCGGACCCACCACACTTAGT 2127 TAGCGAATCCACACAGAGCCGCTC GACCGGCCTCTGATCCCCC 2130 GCGGACCGTCTTTGCTATCTGCC GCCCCAACACCCACCACATTATG 2129 TGGCACGAATCCACACAAGACCCCCCAACCC GACCGACCCCACCTACTTAGCA 2129 TGGCACGAATCCACACACACCACCACCC GACCGCCCCCCCCTCCTAGC 2131 AGGCCCCGCCTTGTAATTCGGCA CACACACACCCCCCCCCTTTACTCCCCC 2131 AGGCCCCGCCTTTTACTTCTACCC GACTGGGCGCCCCCACATTATGCCA 2131 AGGCCCCGCCTTGTAATTCGGCA CACACACACCCCCCCCCTTGTAATTCGCCA 2132 CGGGACCGTCTTTGCTATCTGACC CGCCCCCCCCCCCC	2105	AGCACCTTGCCGAGTCACCAGTGA	TCACTGGTGACTCGGCAAGGTGCT
2108 TCGGATACTCTCGCGTGCCACGGG CCCGTGGCACGCGAGAGTATCCGA 2109 CAACGTTCGCCCCTAAGCCCAAAT ATTTGGGCTTAGGGGCGAACGTTG 2110 GTTAGGTCACCGCGGCATATCCTA TAGGATATGCCGCGGTGACCTAAC 2111 GTTCACCGGCCTCTACTTGGGTTT AAACCCAAGTAGAGGCCGGTGAAC 2112 AATCCGCGTCTAGGTCATGTGGTC GACCACATGACCTAGACGCGGATT 2113 GCTACGCCTCTGGAGGTGGTACCC GGGTACCACCTCCAGAGGCCGTGAAC 2114 CAGGAATGCTACAAAGGGTCCAA TTGGACCCTTGCAGAGGCGGATT 2115 AAGGGTTAGCCCCGGTTAACAG CTGTTAACCGGGCACTTCCAGAGGCCTACC 2116 CCTCGCAAGCGCGATATTTATGCC GGCATAACATTCCCTG 2117 GCCTCCCGGTCATGGTCAAGGGAA TTCCCTTGACCATGACCCTTG 2118 GCTGTTGAGCGCGGACTTGTGCAC GTGCACAGGCCGCTCAACAGC 2119 CGCTGACTTAGCTCTGATGTGCCG CGGCACATCAGAGCCTCACACGC 2110 TCATGGCATTCATCACGAAGGAA TTCCTTCGTGATGACCAGGCACTAACCCTT 2120 TTCATGGCATTCATCACGAAGGAA TCCTTCGTGATGACCAGGCACTAACACTA 2121 TAGTGTTATGCCCGCGTGTGAATG CATTCACCAGGGCATAACACTA 2122 CATGTAAGGGCACGGTCGTGGGCA TCCCCACGACCGTGCCCTTACATG 2123 CAGGAAGCTCGCTCCTGTGGCAC GTGCACACGCGGGCATAACACTA 2124 CCTGCTGATAGCACCTCACTGCA TGCCCACGACCGTGCCCTTACATG 2125 CATGAAGGGCACGGTCGTGGGCA TGCCCACGACCGTGCCCTTACATG 2126 CATAATGTGGGTCAACCCTCACTGCA TGCACTCAGAGCCAGCACGTTCAGTGGT 2127 TAGCGAATCCACACAGAGCCGAT 2128 TCGCGAAATCCACACACGCGGT 2129 TGGCACGAATCACACACACACCCGAT 2129 TGGCACGAATCCACACACACACCCGAACCCTTGTGTGGATTCAGCAC 2129 TGGCACGAATCCACACACACCCCCCTCGTAGT 2121 TAGCGAATCCCTAAATCCTGTGC GCACCAGACCTTGATCACCCCCCCCCC	2106	TAGGTTGCAGGAATGGTGGGCACC	GGTGCCCACCATTCCTGCAACCTA
2109 CAACGTTCGCCCTAAGCCCAAT 2110 GTTAGGTCACCGCGGCATATCCTA 2111 GTTCACCGGCGCTCTACTTGGGTTT 2112 AATCCGCGCTCTACTTGGGTTT 2112 AATCCGCGTCTAGGTCATTGGGTC 2113 GCTACGCCTCTAGGTCATTGGGTC 2114 CAGGAATGCTACAAAAGGGTCCAA 2115 AAGCCCACATGACCTCAGAGGCGTGACC 2116 CAGGAATGCTACAAAAGGGTCCAA 2117 CAGGAATGCTACAAAAGGGTCCAA 2118 AAGCCTAGAAGGGTCCAA 2119 CAGGAATGCTACAAAAGGGTCCAA 2119 CCCCCCGGTCATGGTCAAGGGAAAATATTGCGCCTTTGCGAGG 2110 CCTCCCAAGGCGGATATTTATGCC 2111 GCCTCCCGGTCATGGTCAAGGGAA 2111 GCTTCCCCAGAGCCGATACTTTATGCC 2112 TAGTGTTAGCTCTGATGTGCAC 2113 GCTGACATGACCACCTTGCAC 2114 CAGGAAACCTCACGAAGGAA 2115 TAGTGTTAGCTCTGATGTGCCC 2116 CCTCCCAAGCGCGAACCTGTGCAC 2117 GCCTCCCGGTCATGGTCAAGGGAA 2118 GCTGTTGAGCGGCGACCTGTGCAC 2119 CGCTGACTTAGCTCTGATGTGCCC 2110 CGCTGACTTAGCTCTGATGTGCCC 2111 TAGTGTTAGCCCGCGTGTGAATG 2112 TAGTGTTAGCCCGCGTGTGAATG 2112 TAGTGTTATGCCCGCGTGTGAATG 2112 CATGAAGGGCACCTGTGCAC 2112 TAGTGTTAGCCCGCGTGTGAATG 2112 CATGAAGGGCACCGTCCGTGGGCA 2112 TAGTGTTAGCCCGCGTGTGAATG 2112 CATGAAGGGCACCGTCCTCGTGGCCA 2112 CATGAAGGGCACCGTCCCTGATGCAC 2112 CAGGAAGCTCCCTCCGTGATGCAC 2112 CATGAAGGGGCACCTCCACTGCAC 2112 CATCAAGAGGGACCGACCACACCTCCACTGCACCTTCCTG 2112 CATCAATGTGGGGTCTAGGCC 2113 ACTACGAGGGGCAGGGTCTAGGCC 2126 CATAATGTGGGTGGCACCCCACAACTC 2127 TAGCGAATCCACACAGAGCCGCTC 2128 TCGCGAAATCCCTAAATCCTGTGC 2129 TGGCACGAATCCACACAGAGCCGCTC 2120 TGGCACGAATCCACACAGAGCCGCTC 2121 AGGCACCGCTTTTGCTATCTGACG 2122 TGGCACAGATCCACACAGACCCACACTC 2123 CAGGAATCCACACACACACCCCACACTC 2124 CCTGGTGATACACCCCCCACACTC 2126 CATCAATGTGGGGCGCGCTC 2127 TAGCGAATCCACACAGAGCCGCTC 2128 TCGCGAAATCCCTAATTCCTGTGC 2129 TGGCACGAATCACCCCCACACTC 2130 GCGGACCGTCTTTGCTAATTCGTGCC 2131 AGGCCCCGCCTTTTGCTAATTGGTCAT 2132 CTGGTCCCATACGCCGCGAT ATGACCACTAGCACCCACACTC 2133 TGCTAACTGCGGCCCCTACAGAGTC 2134 TGGTTTTATTTTCGTGACCACACAGGTC 2135 AGCTCAACTTCCCCACGGGATC 2136 CGCGAAGATAAAACCCACCACACTC 2137 GAGTGAAACCTCTCGCGGGTTCCAACCCCGCGAGAGGTTTCACTACCCACACACTACCCCACACTC 2138 TCGAACCCGCGAACATTAAAACCA 2138 TCGAATGCTCTCCCACGGGATGCAACTTCCACCACACACTCCCAACCTCCCAACCTTCCCACGGGAGGTTTCACTCCCACGAGAGTTTCACTTCTCCCCCCGGGAGAGGTTTCACT	2107	GTCCCATACGTGTGGTACGCGGAT	ATCCGCGTACCACACGTATGGGAC
2110 GTTAGGTCACCGCGGCATATCCTA 2111 GTTCACCGGCCTCTACTTGGGTTT AAACCCAAGTAGAGGCCGGTGAAC 2112 AATCCGCGTCTAGGTCATGTGGTC 2113 GCTACGCCTCTGGAGGTGATCCC 2114 CAGGGAATGCTACAAAAGGGTCCAA 2115 AAGGGTTAGCTCACAAAAGGGTCCAA 2116 CAGGGAATGCTACAAAAGGGTCCAA 2117 GCCTCCCGGTCACAAAGGGTCCAA 2118 GCTGCCAAGGCGGATATTTATGCC 2118 GCTGCCAAGGCGGATATTTATGCC 2119 CGCTGCCAGGCGACCAACCCTTCAACACGCGGAGGC 21118 GCTGTTGAGCATTCACAAAGGAAA 2119 CGCTGCCAGGTCAACCCTGTGACCACGGAAGC 2119 CGCTGACAGCCGGATATTTATGCC 2110 CGCTGACATGCCACACCTTGAACAGGAAA 2111 TAGTGTTAGCCTCTGATGTCCAC 2112 CATGTAAGACCTCTGAATGACAC 2113 CAGGAACCTCTGCAC 2114 CAGGGAATGCCAAGACACACACACACACACACACACACAC	2108	TCGGATACTCTCGCGTGCCACGGG	CCCGTGGCACGCGAGAGTATCCGA
2111 GTTCACCGGCCTCTACTTGGGTTT AAACCCAAGTAGAGGCCGGTGAAC 2112 AATCCGCGTCTAGGTCATTGGGTC GACCACATGACCTAGACCGCGATT 2113 GCTACGCCTCTGGAGGTGGTACCC GGGTACCACCTCCAGAGGCGTAGC 2114 CAGGGAATGCTACAAAGGGTCCAA TTGGACCCTTTGTAGCATTCCCTG 2115 AAGGGTTAGCTGCCCGGTTAACAG CTGTTAACCGGGCAGCTAACCCTT 2116 CCTCGCAAGCGCGATATTTATGCC GGCATAAATATCGCGCTTGCGAGG 2117 GCCTCCCGGTCATGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGGC 2118 GCTGTTGAGCGCGCACCTGTGCAC GTGCACAGGCCGCCACACACCC 2119 CGCTGACTTAGCTCTGATGTGCCG CGGCACATCAGACCAGCC 2120 TTCATGGCATTCATCACGAAGGAA TTCCTTCGTGATGAACCGCG 2121 TAGTGTTATGCCCGCGTTGAATG 2121 TAGTGTTATGCCCGCGTTGAATG 2122 CATGTAAAGGGCACGTCGTGGAAC 2123 CAGGAAGCTCGCTCCGTGGAGC TGCCCACAGACCAGAC	2109	CAACGTTCGCCCCTAAGCCCAAAT	ATTTGGGCTTAGGGGCGAACGTTG
2112 AATCCGCGTCTAGGTCATGTGGTC 2113 GCTACGCCTCTGGAGGTGGTACCC 2114 CAGGGAATGCTACAAAGGGTCCAA 2115 AAGGGTTAGCTGCCCGGTTAACAG 2116 CCTCGCAAGCGCGATATTTATGCC 2117 GCCTCCCGGTCATGGTCAAGGGAA 2117 GCCTCCCGGTCATGGTCAAGGGAA 2118 GCTGTTGAGCGCGCGATATTTATGCC 2119 CGCTGACCCGGTCAAGGGAA 2119 CGCTGACTTGAGCGCGCGACCTGTGCAC 2110 TTCATGGCATTCATCACGAAGGAA 2111 TAGTGTTATGCCCGGTTGAATG 2112 TAGTGTTATGCCCGCGTTGAATG 2112 CATGAAGGCACACGTCGGCAC 2113 CAGGAAGCTCGCCGCTCAACAGC 2114 TAGTGTATGCCCGCGTGTGAATG 2115 CAGGAAGCTCGCCGCTCAACAGC 2116 CATGAAGGAA 2117 TAGTGTATGCCCGCGTGTGAATG 2118 CATGAAGGCACCGTGTGCAC 2119 CGCTGACTTAGCTCTGATGTGCCG 2120 TTCATGGCATTCATCACGAAGGAA 2121 TAGTGTTATGCCCGCGTGTGAATG 2121 TAGTGTTATGCCCGCGTGTGAATG 2122 CATGAAGGGCACGGTCGTGGGCA 2123 CAGGAAGCTCGCTCCGTGATGCAC 2124 CCTGCTGATAGCAACCTCACTGCA 2125 ACTACAGAGGGGCAAGCTTCCTGC 2126 CATAATGTGGGTGCTCCCGTGATGCAC 2127 TAGCGAATCCACACACACGCCGCT 2128 TCGCGAAATCCACACACACCCGAT 2129 TGGCACAAATCCTAAATCCTGTGC 2128 TCGCGAAATCCACACACACCCCACCACTTATG 2129 TGGCACGAATCCACACACACCCCACTC 2130 GCGGACCGTCTTTGCTATCTGACG 2131 AGGCCCCGCCTTGTAATTGGTCAC 2132 CTGGTCCCATACGCCGCTC 2133 TGCTAACTGCGGCCCTTACAGAGCC 2134 TGGTTTTATGTTCGCTACCCCCCCCCACACTTAGCACCCACATTATG 2135 AGCCCCACATACGCCGCCCACCACCCCCACACTCCCCCCCC	2110	GTTAGGTCACCGCGGCATATCCTA	TAGGATATGCCGCGGTGACCTAAC
2113 GCTACGCCTCTGGAGGTGGTACCC 2114 CAGGGAATGCTACAAAGGGTCCAA 2115 AAGGGTTAGCTGCCCGGTTAACAG 2116 CCTCGCAAGCGCGATATTTATGCC 2117 GCCTCCCGGTCATGGTCAAGGGAA 2117 GCCTCCCGGTCATGGTCAAGGGAA 2118 GCTGTTGAGCGGCGATATTTATGCC 2119 CGCTGACCCGGTCATGGTCAAGGGAA 2119 CGCTGACCTTGGTCAC 2119 CGCTGACTTAGCTCTGATGTGCCG 2120 TTCATGGCATTCACCAGAGGAA 2121 TAGTGTTATGCCCGCGTGTGAATG 2122 CATGTAAGGGCACGGTGTGAATG 2123 CAGGAAGCTCGCTCCGTGTGATG 2124 CCTGCTGATGTGCAC 2125 ACTACAGGGCACCTTGTACAC 2126 CATGATAGCAACCTCACTGCA 2127 TAGTGTAGCCCGCGTGTGAATG 2128 CAGGAAGCTCGCTCCGTGATGCAC 2129 TGCCCACGACCGTGCCCTTACATG 2120 TTCATGGCATCACACACCTCCCACACCACCACCCTTACATG 2121 TAGTGTTATGCCCGCGTGTGAATG 2122 CATGTAAGGGCACGGTCGTGGGCA 2123 CAGGAAGCTCGCTCCGTGATGCAC 2124 CCTGCTGATAGCAACCTCACTGCA 2125 ACTACGAGGGGCAAGGACGACCCACCACTTACAC 2126 CATAATGTGGGTGCTGACGCCGAT 2127 TAGCGAATCCACACAGAGCCGCTC 2128 TCGCGAAATCCACACACAGAGCCGCTC 2129 TGGCACGAATCCACACACACCACCACCACCACCACATTATG 2129 TGGCACGAATCCACACACACCCACCCCACCACTTCCGCA 2130 GCGGACCGTCTTTTGCTATCTGACG 2131 AGGCCCCGCCTTGTAATTGGTCACT 2132 CTGGTCCCATACGCCCGCTGCCCCCCCCCCCCCCCCCCC	2111	GTTCACCGGCCTCTACTTGGGTTT	AAACCCAAGTAGAGGCCGGTGAAC
2114 CAGGGAATGCTACAAAGGGTCCAA TTGGACCCTTTGTAGCATTCCCTG 2115 AAGGGTTAGCTGCCCGGTTAACAG CTGTTAACCGGGCAGCTAACCCTT 2116 CCTCGCAAGCGCGATATTTATGCC GGCATAAATATCGCGCTTGCGAGG 2117 GCCTCCCGGTCATGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGGC 2118 GCTGTTGAGCGGCGACCTGTGCAC GTGCACAGGTCGCCGCTCAACAGC 2119 CGCTGACTTAGCTCTGATGTGCCG CGGCACATCAGAGCTAAGTCAGCG 2120 TTCATGGCATTCATCACGAAGGAA TTCCTTCGTGATGAATGCCATGAA 2121 TAGTGTTATGCCCGCGTTGAATG CATTCACACGCGGGCATAACACTA 2122 CATGTAAGGGCACGGTCGTGGACA TGCCCACGACCGTGCCCTTACATG 2123 CAGGAAGCTCGCTCCGTGATGCAC GTGCATCACGGGGCATAACACTA 2124 CCTGCTGATAGCAACCTCACTGCA TGCAGTCAGGAGCGTTCCTG 2125 ACTACGAGGGGCAGGGTCTAGGCG CGCCTAGACCCTGCCCTCGTAGT 2126 CATAATGTGGGTGCTGACGCCGAT ATCGGCGTCACCCCCTCGTAGT 2127 TAGCGAATCCACACAGAGCCGCTC GAGCGGCTCTGTGTGGATTCGCTA 2128 TCGCGAAATCCCTAAATCCTGTGC GCACAGGATTTAGGGATTTCGCGA 2129 TGGCACGAATCAACCCACACACCCCCCCCTCGTACT 2130 GCGGACCGTCTTTGCTATCTGACG CGTCAGATAGCAAAGACGGTCCGC 2131 AGGCCCCGCCTTGTAATTGGTCAT ATGACCAATTACAAGGCGGGGCCT 2132 CTGGTCCCATACGCCGCTACTAACCCCACACTTACCCCCCCTCGTACT 2133 TGCTAACTGCGGCCCTACAAGACC CGACCAACTC GAGTTGGTGGATTCGCCA 2134 TGGTTTTATGTTCGTAATTGGTCAT ATGACCAATTACAAGGCGGGGCCT 2135 AGCTCAAACTTCCCCACGGGATG CACCCACACTTAGCA 2136 CGCGAAGATAAGTCAAACCCACCACTC GAGTTGAGGGCCGCAGTTAGCA 2137 GAGTGAAACCTCCCACGGGATG CACCCGCGAAGAAGACTTTCACCG 2137 GAGTGAAACCTCCCACGGGATG CATCCCGTGGGAAAGAACCACTACCCCCCTCGTACTACCCCCTTCGAGTAGCACCAACTTCCACGAGAGATTTAGAGCAACTTTCACTACCACAACTCC GAGTGAGAAAAAAACCA 2136 GCCCAAACTTCCCCACGGGATG CATCCCGTGGGAAAAAAAACCA 2137 GAGTCAAACTTCTCCCACGGGATG CATCCCGTGGGAAAAAAAACCA 2138 TCGAAACCTCCCACGGGATG CATCCCGTGGAAAAATAAAACCA 2137 GAGTGAAACCTCTCCCACGGGATG CATCCCGTGAGAGGTTTCACTC	2112	AATCCGCGTCTAGGTCATGTGGTC	GACCACATGACCTAGACGCGGATT
2115 AAGGGTTAGCTGCCCGGTTAACAG CTGTTAACCGGGCAGCTAACCCTT 2116 CCTCGCAAGCGCGATATTTATGCC GGCATAAATATCGCGCTTGCGAGG 2117 GCCTCCCGGTCATGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGGC 2118 GCTGTTGAGCGGCGACCTGTGCAC GTGCACAGGTCGCCGCTCAACAGC 2119 CGCTGACTTAGCTCTGATGTGCCG CGGCACATCAGAGCTAAGTCAGCG 2120 TTCATGGCATTCATCACGAAGGAA TTCCTTCGTGATGAATGCCATGAA 2121 TAGTGTTATGCCCGCGTGTGAATG CATTCACACGCGGGCATAACACTA 2122 CATGTAAGGGCACGGTCGTGGGCA TGCCCACGACCGTGCCCTTACATG 2123 CAGGAAGCTCGCTCCGTGATGCAC GTGCATCACGAGCGAGCCTTCCTG 2124 CCTGCTGATAGCAACCTCACTGCA TGCAGTGAGGTTGCTATCAGCAGG 2125 ACTACGAGGGGCAGGGTCTAGGCC CGCCTAGACCCTGCCCCTCGTAGT 2126 CATAATGTGGGTGCTGACGCCGAT ATCGGCGTCAGCACCCACATTATG 2127 TAGCGAATCCACACAGAGCCGCTC GAGCGGCTCTGTGTGGATTCGCTA 2128 TCGCGAAATCCCTAAATCCTGTGC GCACAGGATTTAGGGATTTCGCGA 2129 TGGCACGAATCAAGCCACCACACTC GAGTTGGTGGTTTATTCGCGA 2130 GCGGACCGTCTTTTGCTATCTGACG CGTCAGATAGCAAGACGGTCCGC 2131 AGGCCCCGCCTTGTAATTGGTCAT ATGACCAATTACAAGGCGGGGCCT 2132 CTGGTCCCATACGCCGCTGACTAG CTAGTCAGCAGAGCCGCCCAGTTAGCA 2133 TGCTAACTGCGGCCCTACAGAGTC GACTCTGTAGGGACCAGAGCCAGAGCCAGAGCCAGAGCCAGAGTTAGCA 2134 TGGTTTTATGTTCGGTAGCGTCG CGGACGCTACGAACAATAAACCA 2135 AGCTCAAACTTCTCCCACGGGATG CATCCCGTGGGAGAAGATTGAGCT 2136 CGCGAAGATAGAAACCTCCCACGGGATG CATCCCGTGGGAGAAGTTTAGGCT 2137 GAGTGAAACCTCTCGCGGGTTGCA TTGACCACTTCACTCCCCCCTCCCCCCCCCC	2113	GCTACGCCTCTGGAGGTGGTACCC	GGGTACCACCTCCAGAGGCGTAGC
2116 CCTCGCAAGCGCGATATTTATGCC GGCATAAATATCGCGCTTGCGAGG 2117 GCCTCCCGGTCATGGTCAAGGGAA TTCCCTTGACCATGACCGGAGGC 2118 GCTGTTGAGCGGCGACCTGTGCAC GTGCACAGGTCGCCGCTCAACAGC 2119 CGCTGACTTAGCTCTGATGTGCCG CGGCACATCAGAGCTAAGTCAGCG 2120 TTCATGGCATTCATCACGAAGGAA TTCCTTCGTGATGAATGCCATGAA 2121 TAGTGTTATGCCCGCGTGTGAATG CATTCACACGCGGGCATAACACTA 2122 CATGTAAGGGCACGGTCGTGGGCA TGCCCACCGACCGTGCCCTTTACATG 2123 CAGGAAGCTCGCTCCGTGATGCAC GTGCATCACGAGGCGAGCTTCCTG 2124 CCTGCTGATAGCACCTCACTGCA TGCACTAGAGCTACTACACGC 2125 ACTACGAGGGGCAGGGTCTAGGCG CGCCTAGACCCTGCCCCTCGTAGT 2126 CATAATGTGGGTGCTGACGCCCGAT ATCGGCGTCAGCACCCACATTATG 2127 TAGCGAATCCACACAGAGCCGCTC GAGCGGCTCTTGGTGTGATTCGCTA 2128 TCGCGAAATCCCTAAATCCTGTGC GCACAGGATTTAGGGATTTCGCTA 2129 TGGCACGAATCACACACACCCCACACTC GAGCTGGCCTTGATTCGCCA 2130 GCGGACCGTCTTTGCTATCTGACG CGTCAGACACACAAGACGGTCCGC 2131 AGGCCCCGCCTTGTAATTGGTCAT ATGACCAATTACAAGCGGGCCT 2132 CTGGTCCCATACGCCCGCTGACTAG CTAGTCAGCACACACACACCACAC	2114	CAGGGAATGCTACAAAGGGTCCAA	TTGGACCCTTTGTAGCATTCCCTG
2117 GCCTCCGGTCATGGTCAAGGGAA TTCCCTTGACCATGACCGGGAGGC 2118 GCTGTTGAGCGGCGACCTGTGCAC GTGCACAGGTCGCCGCTCAACAGC 2119 CGCTGACTTAGCTCTGATGTGCCG CGGCACATCAGAGCTAAGTCAGCG 2120 TTCATGGCATTCATCACGAAGGAA TTCCTTCGTGATGAATGCCATGAA 2121 TAGTGTTATGCCCGCGTGTGAATG CATTCACACGCGGGCATAACACTA 2122 CATGTAAGGGCACGGTCGTGGGCA TGCCACGACCGTGCCCTTACATG 2123 CAGGAAGCTCGCTCGTGATGCAC GTGCATCACAGGGAGCGAGCTTCCTG 2124 CCTGCTGATAGCAACCTCACTGCA TGCAGTGAGGTTGCTACAGG 2125 ACTACGAGGGGCAGGGTCTAGGCG CGCCTAGACCCTGCCCTCGTAGT 2126 CATAATGTGGGTGCTGACGCCGAT ATCGGCGTCAGCCCCTCGTAGT 2127 TAGCGAATCCACACAGAGCCGCTC GAGCGGTCTGTGGGATTCGCA 2128 TCGCGACATCCACACAGAGCCGCTC GAGCGGCTCTTGTGTGGATTCGCA 2129 TGGCACGAATCCACACACACCACCACTC GAGCGGCTTGATTCGCA 2130 GCGGACCGTCTTTGCTATCTGACG CGTCAGATAGCAAAGACGGTCCGC 2131 AGGCCCCGCCTTGTAATTGGTCAT ATGACCAATTACAAGCCGGGCCT 2132 CTGGTCCCATACGCCGCTGACTAG CTAGCACAATACAAGCCACCACATAG 2133 TGCTAACTGCGCCCTTACAATCCTGC CAGCACTTACAAGCCGGCCCTACAACCACAACTC GAGTTGAGGACCACAACACACACACACACACACACACACA	2115	AAGGGTTAGCTGCCCGGTTAACAG	CTGTTAACCGGGCAGCTAACCCTT
2118 GCTGTTGAGCGGCGACCTGTGCAC GTGCACAGGTCGCCGCTCAACAGC 2119 CGCTGACTTAGCTCTGATGTGCCG CGGCACATCAGAGCTAAGTCAGCG 2120 TTCATGGCATTCATCACGAAGGAA TTCCTTCGTGATGAATGCCATGAA 2121 TAGTGTTATGCCCGCGTGTGAATG CATTCACACGCGGCATAACACTA 2122 CATGTAAGGGCACGGTCGTGGGCA TGCCCACGACCGTGCCCTTACATG 2123 CAGGAAGCTCGCTCCGTGATGCAC GTGCATCACAGGAGCGAGCTTCCTG 2124 CCTGCTGATAGCAACCTCACTGCA TGCAGTGAGGTTGCTACAGCAGG 2125 ACTACGAGGGGCAGGGTCTAGGCG CGCCTAGACCCTCCCTCGTAGT 2126 CATAATGTGGGTGCTGACGCCGAT ATCGGCGTCAGCACCCTCCTTAGT 2127 TAGCGAATCCACACAGAGCCGCTC GAGCGGCTCTGTGTGGATTCGCTA 2128 TCGCGAAATCCCTAAATCCTGTGC GCACAGGATTTAGGATTTCGCGA 2129 TGGCACGAATCAAGCCACCAACTC GAGTTGGTGGTTTCGCCA 2130 GCGGACCGTCTTTGCTATCTGACG CGTCAGATAGCAAAGACGGTCCGC 2131 AGGCCCCGCCTTGTAATTGGTCAT ATGACCAATTACAAGGCGGGGCCT 2132 CTGGTCCCATACGCCGCTGACTAG CTAGTCAGCAAGACAGGTCCGC 2133 TGCTAACTGCGCGCTTACAGAGTC GACTCTGTAGGGACCAG 2134 TGGTTTTATGTTCGGTAGCGTCGC CGGACGCTACCGAACATTAGCA 2135 AGCTCAAACTTCTCCCACGGGATG CATCCCGAACATTAAAACCA 2136 CGCGAAGATAGTGAAATCCGCATC GAGTCGGAACATTAAAACCA 2137 GAGTGAAACCTCTCCACGGGGTTGCA TGCAACCTTCCGCGAACATTTACAACCA 2137 GAGTGAAACCTCTCGCGGGTTGCA TGCAACCCGCGAAGATTTACAATTCTCCCCCC 2137 GAGTGAAACCTCTCGCGGGTTGCA TGCAACCCGCGAAGATTTCACTTCCCCCC 2138 TCGAATGCTCTGCAGTGCACTCAA TTGACCCGCGAACATTTCACTCCCCCCCCCC	2116	CCTCGCAAGCGCGATATTTATGCC	GGCATAAATATCGCGCTTGCGAGG
2119 CGCTGACTTAGCTCTGATGTGCCG CGGCACATCAGAGCTAAGTCAGCG 2120 TTCATGGCATTCATCACGAAGGAA TTCCTTCGTGATGAATGCCATGAA 2121 TAGTGTTATGCCCGCGTGTGAATG CATTCACACGCGGGCATAACACTA 2122 CATGTAAGGGCACGGTCGTGGGCA TGCCCACGACCGTGCCCTTACATG 2123 CAGGAAGCTCGCTCCGTGATGCAC GTGCATCACGGAGCGAGCTTCCTG 2124 CCTGCTGATAGCAACCTCACTGCA TGCAGTGAGCTTGCTACTAGCAGG 2125 ACTACGAGGGGCAGGGTCTAGGCG CGCCTAGACCCTGCCCCTCGTAGT 2126 CATAATGTGGGTGCTGACGCCGAT ATCGGCGTCAGCACCCACATTATG 2127 TAGCGAATCCACACAGAGCCGCTC GAGCGGTCTGTGTGGATTCGCTA 2128 TCGCGAAATCCCTAAATCCTGTGC GCACAGGATTTAGGGATTTCGCGA 2129 TGGCACGAATCAAGCCACCAACTC GAGTTGGTGGCTTTGATTCGTGCA 2130 GCGGACCGTCTTTGCTATCTGACG CGTCAGATAGCAAAGACGGTCCGC 2131 AGGCCCCGCCTTGTAATTGGTCAT ATGACCAATTACAAGGCGGGGCCT 2132 CTGGTCCCATACGCCGCTGACTAG CTAGTCAGCGGCCGTATGGGACCAG 2133 TGCTAACTGCGGCCCTACAGAGTC GACTCTGTAGGGCCGCAGTTAGCA 2134 TGGTTTTATGTTCGGTAGCGTCCG CGGACGCTACCGAACATAAAACCA 2135 AGCTCAAACTTCTCCCACGGGATG CATCCCGTGGGAGAAGTTTGAGCT 2136 CGCGAAGATAGTGAAATCCGCATC GATGCGGATTTCACTATCTCCCC 2137 GAGTGAAACCTCTCGCGGGTTGCA TGCAACCCGCGAGAGGTTTCACTC 2138 TCGAATGCTCTGCAGTGACGTCAA TTGACCCTGCAGAGCATTCACTC	2117	GCCTCCCGGTCATGGTCAAGGGAA	TTCCCTTGACCATGACCGGGAGGC
TICATGGCATTCATCACGAAGGAA TICCTTCGTGATGAATGCCATGAA TAGTGTTATGCCCGCGTGTGAATG CATTCACACGCGGGCATAACACTA TAGTGTTATGCCCGCGTGTGAATG CATTCACACGCGGGCATAACACTA TGCCCACGACCGTGCCCTTACATG CAGGAAGCTCGCTCCGTGATGCAC CAGGAAGCTCGCTCCGTGATGCAC CTGCATCACGGAGCGAGCTTCCTG TGCATCACGGAGCGAGCTTCCTG TGCATCACGGAGCTTCCTG TGCATCACGGAGCTTCCTGCA TGCAGTGAGGTTGCTATCAGCAGG TGCATCACGGAGCTCTCACTGCA TGCAGTGAGGTTGCTATCAGCAGG TGCATCACAGCAGGGTCTAGCAGC CGCCTAGACCCTGCCCCTCGTAGT TAGCGAATCCACACAGAGCCGCGAT TAGCGCGTCAGCACCCACATTATG TAGCGAATCCACACAGAGCCGCTC GAGCGGCTCTGTGTGGATTCGCGA TGCACAGAATCCCTAAATCCTGTGC GCACAGGATTTAGGGATTTCGCGA TGCACACAATCAAGCCACCAACTC GAGTTGGTGGCTTGATTCGTCCAC TGCACAATAGCAACAAGACCGCCCCACACTC TGCACACAATCAAGCCACCACACTC TGCACACAATCAAGCCACCACACTC TGCACACAATTACAAGCCGGGCCT TTGACCAATTACAAGCCGGGGCCT TTGACCAATTACAAGCCGCGCTTACGCACCACACCA	2118	GCTGTTGAGCGGCGACCTGTGCAC	GTGCACAGGTCGCCGCTCAACAGC
2121 TAGTGTTATGCCCGCGTGTGAATG CATTCACACGCGGGCATAACACTA 2122 CATGTAAGGGCACGGTCGTGGGCA TGCCCACGACCGTGCCCTTACATG 2123 CAGGAAGCTCGCTCCGTGATGCAC GTGCATCACGGAGCGAGCTTCCTG 2124 CCTGCTGATAGCAACCTCACTGCA TGCAGTGAGGTTGCTATCAGCAGG 2125 ACTACGAGGGGCAGGGTCTAGGCG CGCCTAGACCCTGCCCCTCGTAGT 2126 CATAATGTGGGTGCTGACGCCGAT ATCGGCGTCAGCACCCACATTATG 2127 TAGCGAATCCACACAGAGCCGCTC GAGCGGCTCTGTGTGGATTCGCTA 2128 TCGCGAAATCCCTAAATCCTGTGC GCACAGGATTTAGGGATTTCGCGA 2129 TGGCACGAATCAAGCCACCAACTC GAGTTGGTGGCTTGATTCGTGCCA 2130 GCGGACCGTCTTTGCTATCTGACG CGTCAGATAGCAAAGACGGTCCGC 2131 AGGCCCCGCCTTGTAATTGGTCAT ATGACCAATTACAAGGCGGGCCT 2132 CTGGTCCCATACGCCGCTGACTAG CTAGTCAGCGGCGTATGGGACCAG 2133 TGCTAACTGCGGCCCTACAGAGTC GACTCTGTAGGGCCCACAGTTAGCA 2134 TGGTTTTATGTTCGGTAGCGTCCG CGGACCGTACCGAACATAAAACCA 2135 AGCTCAAACTTCTCCCACGGGATG CATCCCGTGGGAGAAGTTTGAGCT 2136 CGCGAAGATAGTGAAATCCGCATC GATGCGGAGAAGTTTCGCG 2137 GAGTGAAACCTCTCGCGGGTTGCA TGCAACCCGCGAGAGGTTTCACTC 2138 TCGAATGCTCTGCAGTGACGTCAA TTGACCCCGCGAGAGGTTTCACTC	2119	CGCTGACTTAGCTCTGATGTGCCG	CGGCACATCAGAGCTAAGTCAGCG
2122 CATGTAAGGGCACGGTCGTGGGCA TGCCCACGACCGTGCCCTTACATG 2123 CAGGAAGCTCGCTCCGTGATGCAC GTGCATCACGGAGCGAGCTTCCTG 2124 CCTGCTGATAGCAACCTCACTGCA TGCAGTGAGGTTGCTATCAGCAGG 2125 ACTACGAGGGGCAGGGTCTAGGCG CGCCTAGACCCTGCCCCTCGTAGT 2126 CATAATGTGGGTGCTGACGCCGAT ATCGGCGTCAGCACCCACATTATG 2127 TAGCGAATCCACACAGAGCCGCTC GAGCGGCTCTGTGGATTCGCTA 2128 TCGCGAAATCCCTAAATCCTGTGC GCACAGGATTTAGGGATTTCGCGA 2129 TGGCACGAATCAAGCCACCAACTC GAGTTGGTGGCTTGATTCGTGCA 2130 GCGGACCGTCTTTGCTATCTGACG CGTCAGATAGCAAAGACGGTCCGC 2131 AGGCCCCGCCTTGTAATTGGTCAT ATGACCAATTACAAGGCGGGGCCT 2132 CTGGTCCCATACGCCGCTGACTAG CTAGTCAGCGGCGTATGGGACCAG 2133 TGCTAACTGCGGCCCTACAGAGTC GACTCTGTAGGGCCCAGTTAGCA 2134 TGGTTTTATGTTCGGTAGCGTCCG CGGACGCTACCGAACATAAAACCA 2135 AGCTCAAACTTCTCCCACGGGATG CATCCCGTGGGAGAAGTTTGAGCT 2136 CGCGAAGATAGTGAAATCCGCATC GATGCGGAGAAGATTTCACCG 2137 GAGTGAAACCTCTCGCGGGGTTGCA TGCAACCCGCGAGAGGTTTCACTC 2138 TCGAATGCTCTGCAGTGACGTCAA TTGACCTCTCCACGAGCCTTCGA	2120	TTCATGGCATTCATCACGAAGGAA	TTCCTTCGTGATGAATGCCATGAA
2123 CAGGAAGCTCGCTCCGTGATGCAC GTGCATCACGGAGCGAGCTTCCTG 2124 CCTGCTGATAGCAACCTCACTGCA TGCAGTGAGGTTGCTATCAGCAGG 2125 ACTACGAGGGGCAGGGTCTAGGCG CGCCTAGACCCTGCCCCTCGTAGT 2126 CATAATGTGGGTGCTGACGCCGAT ATCGGCGTCAGCACCCACATTATG 2127 TAGCGAATCCACACAGAGCCGCTC GAGCGGCTCTGTGTGGATTCGCTA 2128 TCGCGAAATCCCTAAATCCTGTGC GCACAGGATTTAGGGATTTCGCGA 2129 TGGCACGAATCAAGCCACCAACTC GAGTTGGTGGCTTGATTCGTGCA 2130 GCGGACCGTCTTTGCTATCTGACG CGTCAGATAGCAAAGACGGTCCGC 2131 AGGCCCCGCCTTGTAATTGGTCAT ATGACCAATTACAAGGCGGGGCCT 2132 CTGGTCCCATACGCCGCTGACTAG CTAGTCAGCGGCGTATGGGACCAG 2133 TGCTAACTGCGGCCCTACAGAGTC GACTCTGTAGGGCCGCAGTTAGCA 2134 TGGTTTTATGTTCGGTAGCGTCCG CGGACGCTACCGAACATAAAACCA 2135 AGCTCAAACTTCTCCCACGGGATG CATCCCGTGGGAGAAGTTTGAGCT 2136 CGCGAAGATAGTGAAATCCGCATC GATGCGGATTTCACTCCCCGCGCTTGCATTCACTCCCCCGCGAGAGATTCACTCCCCCCCC	2121	TAGTGTTATGCCCGCGTGTGAATG	CATTCACACGCGGGCATAACACTA
2124 CCTGCTGATAGCAACCTCACTGCA TGCAGTGAGGTTGCTATCAGCAGG 2125 ACTACGAGGGGCAGGGTCTAGGCG CGCCTAGACCCTGCCCCTCGTAGT 2126 CATAATGTGGGTGCTGACGCCGAT ATCGGCGTCAGCACCCACATTATG 2127 TAGCGAATCCACACAGAGCCGCTC GAGCGGCTCTGTGTGGATTCGCTA 2128 TCGCGAAATCCCTAAATCCTGTGC GCACAGGATTTAGGGATTTCGCGA 2129 TGGCACGAATCAAGCCACCAACTC GAGTTGGTGGCTTGATTCGTGCA 2130 GCGGACCGTCTTTGCTATCTGACG CGTCAGATAGCAAAGACGGTCCGC 2131 AGGCCCCGCCTTGTAATTGGTCAT ATGACCAATTACAAGGCGGGGCCT 2132 CTGGTCCCATACGCCGCTGACTAG CTAGTCAGCGGCGTATGGGACCAG 2133 TGCTAACTGCGGCCCTACAGAGTC GACTCTGTAGGGCCGCAGTTAGCA 2134 TGGTTTTATGTTCGGTAGCGTCCG CGGACGCTACCGAACATAAAACCA 2135 AGCTCAAACTTCTCCCACGGGATG CATCCCGTGGGAGAAGTTTGAGCT 2136 CGCGAAGATAGTGAAATCCGCATC GATGCGGATTTCACTACTTCTCCCG	2122	CATGTAAGGGCACGGTCGTGGGCA	TGCCCACGACCGTGCCCTTACATG
2125 ACTACGAGGGCAGGGTCTAGGCG CGCCTAGACCCTGCCCCTCGTAGT 2126 CATAATGTGGGTGCTGACGCCGAT ATCGGCGTCAGCACCCACATTATG 2127 TAGCGAATCCACACAGAGCCGCTC GAGCGGCTCTGTGTGGATTCGCTA 2128 TCGCGAAATCCCTAAATCCTGTGC GCACAGGATTTAGGGATTTCGCGA 2129 TGGCACGAATCAAGCCACCAACTC GAGTTGGTGGCTTGATTCGTGCCA 2130 GCGGACCGTCTTTGCTATCTGACG CGTCAGATAGCAAAGACGGTCCGC 2131 AGGCCCCGCCTTGTAATTGGTCAT ATGACCAATTACAAGGCGGGGCCT 2132 CTGGTCCCATACGCCGCTGACTAG CTAGTCAGCGGCGTATGGGACCAG 2133 TGCTAACTGCGGCCCTACAGAGTC GACTCTGTAGGGCCGCAGTTAGCA 2134 TGGTTTTATGTTCGGTAGCGTCCG CGGACGCTACCGAACATAAAACCA 2135 AGCTCAAACTTCTCCCACGGGATG CATCCCGTGGGAGAAGTTTGAGCT 2136 CGCGAAGATAGTGAAATCCGCATC GATGCGGATTTCACTATCTTCGCG 2137 GAGTGAAACCTCTCGCGGGTTGCA TGCAACCCGCGAGAGGTTTCACTC	2123	CAGGAAGCTCGCTCCGTGATGCAC	GTGCATCACGGAGCGAGCTTCCTG
2126 CATAATGTGGGTGCTGACGCCGAT ATCGGCGTCAGCACCCACATTATG 2127 TAGCGAATCCACACAGAGCCGCTC GAGCGGCTCTGTGTGGATTCGCTA 2128 TCGCGAAATCCCTAAATCCTGTGC GCACAGGATTTAGGGATTTCGCGA 2129 TGGCACGAATCAAGCCACCAACTC GAGTTGGTGGCTTGATTCGTGCCA 2130 GCGGACCGTCTTTGCTATCTGACG CGTCAGATAGCAAAGACGGTCCGC 2131 AGGCCCCGCCTTGTAATTGGTCAT ATGACCAATTACAAGGCGGGGCCT 2132 CTGGTCCCATACGCCGCTGACTAG CTAGTCAGCGGCGTATGGGACCAG 2133 TGCTAACTGCGGCCCTACAGAGTC GACTCTGTAGGGCCGCAGTTAGCA 2134 TGGTTTTATGTTCGGTAGCGTCCG CGGACGCTACCGAACATAAAACCA 2135 AGCTCAAACTTCTCCCACGGGATG CATCCCGTGGGAGAAGTTTGAGCT 2136 CGCGAAGATAGTGAAATCCGCATC GATGCGGATTTCACTATCTTCGCG 2137 GAGTGAAACCTCTCGCGGGTTGCA TGCAACCCGCGAGAGGTTTCACTC 2138 TCGAATGCTCTGCAGTGACGTCAA TTGACGTCACTGCAGAGCATTCGA	2124	CCTGCTGATAGCAACCTCACTGCA	TGCAGTGAGGTTGCTATCAGCAGG
TAGCGAATCCACACAGAGCCGCTC 2128 TCGCGAAATCCCTAAATCCTGTGC 2129 TGGCACGATCAAGCCACCAACTC 2130 GCGGACCGTCTTTGCTATCTGACG 2131 AGGCCCCGCCTTGTAATTGGTCAT 2132 CTGGTCCCATACGCCGCTGACTAG 2133 TGCTAACTGCGGCCCTACAGAGTC 2134 TGGTTTTATGTTCGGTACG 2135 AGCTCAAACTTCCCACGGGATG 2136 CGCGAAGATAGTGAAATCCGCATC 2137 GAGTGAAACCTCTCGCGGGTTGCA 2138 TCGAATGCTCTGCAGTGCAA 2138 TCGAATGCTCTGCAGTGACTCAA 2138 TCGAATGCTCTGCAGTGACTCAA 2138 TCGAATGCTCTGCAGTGACTCAA 2138 TCGAATGCTCTGCAGTGACCGCAACATTCCACAGAGCTCCAACCTTCCACAGAGTC 2138 TCGAATGCTCTGCAGTGACGTCAA 2138 TCGAATGCTCTGCAGTGACGTCAA 2138 TCGAATGCTCTGCAGTGACGTCAA 2138 TTGACTCACAGAGCATTCACACTCCACCAGAGCATTCGA	2125	ACTACGAGGGCAGGGTCTAGGCG	CGCCTAGACCCTGCCCCTCGTAGT
2128 TCGCGAAATCCCTAAATCCTGTGC GCACAGGATTTAGGGATTTCGCGA 2129 TGGCACGAATCAAGCCACCAACTC GAGTTGGTGGCTTGATTCGTGCCA 2130 GCGGACCGTCTTTGCTATCTGACG CGTCAGATAGCAAAGACGGTCCGC 2131 AGGCCCCGCCTTGTAATTGGTCAT ATGACCAATTACAAGGCGGGGCCT 2132 CTGGTCCCATACGCCGCTGACTAG CTAGTCAGCGGCGTATGGGACCAG 2133 TGCTAACTGCGGCCCTACAGAGTC GACTCTGTAGGGCCGCAGTTAGCA 2134 TGGTTTTATGTTCGGTAGCGTCCG CGGACGCTACCGAACATAAAACCA 2135 AGCTCAAACTTCTCCCACGGGATG CATCCCGTGGGAGAAGTTTGAGCT 2136 CGCGAAGATAGTGAAATCCGCATC GATGCGGATTTCACTATCTTCGCG 2137 GAGTGAAACCTCTCGCGGGTTGCA TGCAACCCGCGAGAGGTTTCACTC 2138 TCGAATGCTCTGCAGTGACGTCAA TTGACGTCACTGCAGAGCATTCGA	2126	CATAATGTGGGTGCTGACGCCGAT	ATCGGCGTCAGCACCCACATTATG
2129 TGGCACGAATCAAGCCACCAACTC GAGTTGGTGGCTTGATTCGTGCCA 2130 GCGGACCGTCTTTGCTATCTGACG CGTCAGATAGCAAAGACGGTCCGC 2131 AGGCCCCGCCTTGTAATTGGTCAT ATGACCAATTACAAGGCGGGGCCT 2132 CTGGTCCCATACGCCGCTGACTAG CTAGTCAGCGGCGTATGGGACCAG 2133 TGCTAACTGCGGCCCTACAGAGTC GACTCTGTAGGGCCGCAGTTAGCA 2134 TGGTTTTATGTTCGGTAGCGTCCG CGGACGCTACCGAACATAAAACCA 2135 AGCTCAAACTTCTCCCACGGGATG CATCCCGTGGGAGAAGTTTGAGCT 2136 CGCGAAGATAGTGAAATCCGCATC GATGCGGATTTCACTATCTTCGCG 2137 GAGTGAAACCTCTCGCGGGGTTGCA TGCAACCCGCGAGAGGTTTCACTC 2138 TCGAATGCTCTGCAGTGACGTCAA TTGACGTCACTGCAGAGCATTCGA	2127	TAGCGAATCCACACAGAGCCGCTC	GAGCGGCTCTGTGTGGATTCGCTA
2130 GCGACCGTCTTTGCTATCTGACG CGTCAGATAGCAAAGACGGTCCGC 2131 AGGCCCGCCTTGTAATTGGTCAT ATGACCAATTACAAGGCGGGGCCT 2132 CTGGTCCCATACGCCGCTGACTAG CTAGTCAGCGGCGTATGGGACCAG 2133 TGCTAACTGCGGCCCTACAGAGTC GACTCTGTAGGGCCGCAGTTAGCA 2134 TGGTTTTATGTTCGGTAGCGTCCG CGGACGCTACCGAACATAAAACCA 2135 AGCTCAAACTTCTCCCACGGGATG CATCCCGTGGGAGAAGTTTGAGCT 2136 CGCGAAGATAGTGAAATCCGCATC GATGCGGATTTCACTATCTTCGCG 2137 GAGTGAAACCTCTCGCGGGTTGCA TGCAACCCGCGAGAGGTTTCACTC 2138 TCGAATGCTCTGCAGTGACGTCAA TTGACGTCACTGCAGAGCATTCGA	2128	TCGCGAAATCCCTAAATCCTGTGC	GCACAGGATTTAGGGATTTCGCGA
2131 AGGCCCGCCTTGTAATTGGTCAT ATGACCAATTACAAGGCGGGGCCT 2132 CTGGTCCCATACGCCGCTGACTAG CTAGTCAGCGGCGTATGGGACCAG 2133 TGCTAACTGCGGCCCTACAGAGTC GACTCTGTAGGGCCGCAGTTAGCA 2134 TGGTTTTATGTTCGGTAGCGTCCG CGGACGCTACCGAACATAAAACCA 2135 AGCTCAAACTTCTCCCACGGGATG CATCCCGTGGGAGAAGTTTGAGCT 2136 CGCGAAGATAGTGAAATCCGCATC GATGCGGATTTCACTATCTTCGCG 2137 GAGTGAAACCTCTCGCGGGTTGCA TGCAACCCGCGAGAGGTTTCACTC 2138 TCGAATGCTCTGCAGTGACGTCAA TTGACGTCACTGCAGAGCATTCGA	2129	TGGCACGAATCAAGCCACCAACTC	GAGTTGGTGGCTTGATTCGTGCCA
2132 CTGGTCCCATACGCCGCTGACTAG CTAGTCAGCGGCGTATGGGACCAG 2133 TGCTAACTGCGGCCCTACAGAGTC GACTCTGTAGGGCCGCAGTTAGCA 2134 TGGTTTTATGTTCGGTAGCGTCCG CGGACGCTACCGAACATAAAACCA 2135 AGCTCAAACTTCTCCCACGGGATG CATCCCGTGGGAGAAGTTTGAGCT 2136 CGCGAAGATAGTGAAATCCGCATC GATGCGGATTTCACTATCTTCGCG 2137 GAGTGAAACCTCTCGCGGGTTGCA TGCAACCCGCGAGAGGTTTCACTC 2138 TCGAATGCTCTGCAGTGACGTCAA TTGACGTCACTGCAGAGCATTCGA	2130	GCGGACCGTCTTTGCTATCTGACG	CGTCAGATAGCAAAGACGGTCCGC
2133 TGCTAACTGCGGCCCTACAGAGTC GACTCTGTAGGGCCGCAGTTAGCA 2134 TGGTTTTATGTTCGGTAGCGTCCG CGGACGCTACCGAACATAAAACCA 2135 AGCTCAAACTTCTCCCACGGGATG CATCCCGTGGGAGAAGTTTGAGCT 2136 CGCGAAGATAGTGAAATCCGCATC GATGCGGATTTCACTATCTTCGCG 2137 GAGTGAAACCTCTCGCGGGTTGCA TGCAACCCGCGAGAGGTTTCACTC 2138 TCGAATGCTCTGCAGTGACGTCAA TTGACGTCACTGCAGAGCATTCGA	2131	AGGCCCGCCTTGTAATTGGTCAT	ATGACCAATTACAAGGCGGGGCCT
2134 TGGTTTTATGTTCGGTAGCGTCCG CGGACGCTACCGAACATAAAACCA 2135 AGCTCAAACTTCTCCCACGGGATG CATCCCGTGGGAGAAGTTTGAGCT 2136 CGCGAAGATAGTGAAATCCGCATC GATGCGGATTTCACTATCTTCGCG 2137 GAGTGAAACCTCTCGCGGGTTGCA TGCAACCCGCGAGAGGTTTCACTC 2138 TCGAATGCTCTGCAGTGACGTCAA TTGACGTCACTGCAGAGCATTCGA	2132	CTGGTCCCATACGCCGCTGACTAG	CTAGTCAGCGGCGTATGGGACCAG
2135 AGCTCAAACTTCTCCCACGGGATG CATCCCGTGGGAGAAGTTTGAGCT 2136 CGCGAAGATAGTGAAATCCGCATC GATGCGGATTTCACTATCTTCGCG 2137 GAGTGAAACCTCTCGCGGGTTGCA TGCAACCCGCGAGAGGTTTCACTC 2138 TCGAATGCTCTGCAGTGACGTCAA TTGACGTCACTGCAGAGCATTCGA	2133	TGCTAACTGCGGCCCTACAGAGTC	GACTCTGTAGGGCCGCAGTTAGCA
2136 CGCGAAGATAGTGAAATCCGCATC GATGCGGATTTCACTATCTTCGCG 2137 GAGTGAAACCTCTCGCGGGTTGCA TGCAACCCGCGAGAGGTTTCACTC 2138 TCGAATGCTCTGCAGTGACGTCAA TTGACGTCACTGCAGAGCATTCGA	2134	TGGTTTTATGTTCGGTAGCGTCCG	CGGACGCTACCGAACATAAAACCA
2137 GAGTGAAACCTCTCGCGGGTTGCA TGCAACCCGCGAGAGGTTTCACTC 2138 TCGAATGCTCTGCAGTGACGTCAA TTGACGTCACTGCAGAGCATTCGA	2135	AGCTCAAACTTCTCCCACGGGATG	CATCCCGTGGGAGAAGTTTGAGCT
2138 TCGAATGCTCTGCAGTGACGTCAA TTGACGTCACTGCAGAGCATTCGA	2136	CGCGAAGATAGTGAAATCCGCATC	GATGCGGATTTCACTATCTTCGCG
	2137	GAGTGAAACCTCTCGCGGGTTGCA	TGCAACCCGCGAGAGGTTTCACTC
2139 AGGTGGCAATGATCGACGACCCTG CAGGGTCGTCGATCATTGCCACCT	2138	TCGAATGCTCTGCAGTGACGTCAA	TTGACGTCACTGCAGAGCATTCGA
	2139	AGGTGGCAATGATCGACGACCCTG	CAGGGTCGTCGATCATTGCCACCT

2141	GTCCGGAGCCGTGCAAAGCAATAA	TTATTGCTTTGCACGGCTCCGGAC
2143	CTTTTGGGGATTAGAGGCCGACAA	TTGTCGGCCTCTAATCCCCAAAAG
2144	GGCATAAAGGCTTCCGTTCCTGTC	GACAGGAACGGAAGCCTTTATGCC
2145	GCGGACCGTAAAGCGGGCAGATAG	CTATCTGCCCGCTTTACGGTCCGC
2146	TTTCAAGAGTGCATCGAATCCACG	CGTGGATTCGATGCACTCTTGAAA
2147	CCGGCATCCCTTCTCGCTGTTGCC	GGCAACAGCGAGAAGGGATGCCGG
2148	ACACAGAGACGCGAACGGAGTGCA	TGCACTCCGTTCGCGTCTCTGTGT
2149	AGCGGCATTCTCCCACTCGTTACT	AGTAACGAGTGGGAGAATGCCGCT
2150	GGAGCGTACTGCGCCTCGCAAGTC	GACTTGCGAGGCGCAGTACGCTCC
2151	AAACCCGAATGACACGGCAGATAA	TTATCTGCCGTGTCATTCGGGTTT
2153	AACCAGCGGATCGATAAAACGACA	TGTCGTTTTATCGATCCGCTGGTT
2154	GGTGTCCACCCGTTAACGCCGGTA	TACCGGCGTTAACGGGTGGACACC
2155	AGCGCGACGTGGCTTGCCGTTAAA	TTTAACGGCAAGCCACGTCGCGCT
2156	TCCCACGGCTATAGGTCCAACGAC	GTCGTTGGACCTATAGCCGTGGGA
2157	ATCAACGAACGATGCCGTTAGGTG	CACCTAACGGCATCGTTCGTTGAT
2158	GAGGCTAAGCCGTATGGCCGAGGC	GCCTCGGCCATACGGCTTAGCCTC
2159	ACGGTCCGAAATGGTTAGAGGCAC	GTGCCTCTAACCATTTCGGACCGT
2160	ACGCAAACCATTCCTCGAGTAGGC	GCCTACTCGAGGAATGGTTTGCGT
2161	TTACACGCTCGCTATTGGGCCATA	TATGGCCCAATAGCGAGCGTGTAA
2162	CTCGGCACGGGTTTAGAACGCCGG	CCGGCGTTCTAAACCCGTGCCGAG
2163	ATTCGGTAAGGTATCGGGCTAGCG	CGCTAGCCCGATACCTTACCGAAT
2164	AGCACACCGTTATACATGACGGCG	CGCCGTCATGTATAACGGTGTGCT
2165	AGTCCCTGCCGTTCGCTCATGGAA	TTCCATGAGCGAACGGCAGGGACT
2166	GGGCTTATGACCAGTCAGGTTGGA	TCCAACCTGACTGGTCATAAGCCC
2167	GGTCACCACACGAGTGCCTGGTCT	AGACCAGGCACTCGTGTGGTGACC
2168	TTGATCGTGTCTCCCGAAACCCTC	GAGGGTTTCGGGAGACACGATCAA
2169	ATTGTCGCGATCGGCATTTCTTAA	TTAAGAAATGCCGATCGCGACAAT
2170	GGGTCCAACGACTTCTCGCTGCTG	CAGCAGCGAGAAGTCGTTGGACCC
2171	CAAATTCCTTGGGGGCCATAGTGG	CCACTATGGCCCCCAAGGAATTTG
2172	CCAGAGTATCCGCCGTTAGACGGT	ACCGTCTAACGGCGGATACTCTGG
2173	TCCTGCAGATCATCTCGTGTCTGG	CCAGACACGAGATGATCTGCAGGA
2174	TGCGGGAGATTTGAACAAGCTGTA	TACAGCTTGTTCAAATCTCCCGCA
2175	TTAGACGCCGAGCTAGGCAACGTC	GACGTTGCCTAGCTCGGCGTCTAA
2176	TTTCGGCAGAATCTCCGATTCAAC	GTTGAATCGGAGATTCTGCCGAAA
2177	TGGCGAGCAGACCTACAAGACAGA	TCTGTCTTGTAGGTCTGCTCGCCA
2178	GGCGACAGACCGGTACATCGGCCA	TGGCCGATGTACCGGTCTGTCGCC
2179	TCTAGACCTGCGTTTCGTGGGACC	GGTCCCACGAAACGCAGGTCTAGA
2180	GCCGAGCGTGGTACCATACGTTCA	TGAACGTATGGTACCACGCTCGGC

2181	TAATCACACCCGCTTTCTGTGGCT	AGCCACAGAAAGCGGGTGTGATTA
2182	GGCCGGAGCCATTGGACACTTCTT	AAGAAGTGTCCAATGGCTCCGGCC
2183	CCTGTAGACCTGCATGGATCGCTG	CAGCGATCCATGCAGGTCTACAGG
2185	ATCGCCGTTCCCGCAAAATAAGCA	TGCTTATTTTGCGGGAACGGCGAT
2186	TGGATCAACGGGGTAGTGAAAACG	CGTTTCACTACCCCGTTGATCCA
2187	AAGCGACGATGCTTTCTTGAGCTG	CAGCTCAAGAAAGCATCGTCGCTT
2188	CACGGGCACGTGTTCTACGCTTGC	GCAAGCGTAGAACACGTGCCCGTG
2189	ACGGGCTGGGACAAGAGCTAGAAA	TTTCTAGCTCTTGTCCCAGCCCGT
2190	GGTAACTGGCTCCGCTCTCACATC	GATGTGAGAGCGGAGCCAGTTACC
2191	ACTCTGGCTGTTGGCGAACGTGAC	GTCACGTTCGCCAACAGCCAGAGT
2192	GACCGAGGACCAGTCCTTGCTCTC	GAGAGCAAGGACTGGTCCTCGGTC
2193	AGTAGCTCTTGCGGCCTAACGGCA	TGCCGTTAGGCCGCAAGAGCTACT
2194	TTCTTGTCCTGGGGGAGAGCAGTG	CACTGCTCTCCCCAGGACAAGAA
2195	TTAGCAGGGAGGTTGTCGGCTCAT	ATGAGCCGACAACCTCCCTGCTAA
2197	AGAACGTGGATTGTACGCTCCGCC	GGCGGAGCGTACAATCCACGTTCT
2198	CTTCACAGCCTGGAGCCACCAATG	CATTGGTGGCTCCAGGCTGTGAAG
2199	GAGATCGATGAAACGCACCAGCGG	CCGCTGGTGCGTTTCATCGATCTC
2200	GGGTCCAGAGTTGGTGTGGGATAA	TTATCCCACACCAACTCTGGACCC
2201	CCGTCCACCCCAGATAGGAATCAC	GTGATTCCTATCTGGGGTGGACGG
2202	TGCCTCGCTTCTGTGAATCTACGA	TCGTAGATTCACAGAAGCGAGGCA
2203	GATCACAGCGTCCGCGCATAACGG	CCGTTATGCGCGGACGCTGTGATC
2204	ATGACGCCTTACATGACGCACCTT	AAGGTGCGTCATGTAAGGCGTCAT
2205	GCGTGGAATAACGCCCTTAGTTCA	TGAACTAAGGGCGTTATTCCACGC
2206	GGTCTACCATTTCTCGCCCGACCG	CGGTCGGGCGAGAAATGGTAGACC
2207	ACACCTCTCTGGCGTAGACGCTCA	TGAGCGTCTACGCCAGAGAGGTGT
2208	GTAGAGGTGCTCAGGACTCGTCGC	GCGACGAGTCCTGAGCACCTCTAC
2209	GTAAGCAGGAGGCGAAGGCGCGAA	TTCGCGCCTTCGCCTCCTGCTTAC
2210	TCTAAGGGCCGTTTCAATCGACCT	AGGTCGATTGAAACGGCCCTTAGA
2211	AACCTGATTTCAGGGTCAGCCCGA	TCGGGCTGACCCTGAAATCAGGTT
2212	GTCACGCGATTGGCCCACCTATTA	TAATAGGTGGGCCAATCGCGTGAC
2213	ACGATGCCGCGCATGTAACCTAGT	ACTAGGTTACATGCGCGGCATCGT
2214	TGAGAGATGTCTCGTCAACGCCTG	CAGGCGTTGACGAGACATCTCTCA
2215	GCATATCTCGCGGTGACAGACGAA	TTCGTCTGTCACCGCGAGATATGC
2217	GACCCAACGTCGAAATTGTGCGAT	ATCGCACAATTTCGACGTTGGGTC
2218	TGAAAATCGGGGCATCTAGTTTGG	CCAAACTAGATGCCCCGATTTTCA
2219	CCGCGAAAAGGATTTGTGTACGCA	TGCGTACACAAATCCTTTTCGCGG
2220	CATTCCATTTATCCGCAGTTCGCT	AGCGAACTGCGGATAAATGGAATG
2221	CCTGTCTGTCGAGCCAGCGTCTAT	ATAGACGCTGGCTCGACAGACAGG

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2222	TCAGCGCGGCTAAACAAGTTATGC	GCATAACTTGTTTAGCCGCGCTGA
2223	ACGCCTACGAACGACCCAAGAGAG	CTCTCTTGGGTCGTTCGTAGGCGT
2224	TGCGCATCTACCATTGTGTGGATC	GATCCACACAATGGTAGATGCGCA
2225	AAGTCCGCGCTCGCTCCTGTAATA	TATTACAGGAGCGAGCGGACTT
2226	GCTGGGTCATTGCTCGAGTAACCA	TGGTTACTCGAGCAATGACCCAGC
2227	TGGAGCGTTCTGGCAATGACCGAC	GTCGGTCATTGCCAGAACGCTCCA
2228	CAAGTCAATTCTTGGCCAATTCGG	CCGAATTGGCCAAGAATTGACTTG
2229	CGTTCATGCAAGGATCCCAGGTTA	TAACCTGGGATCCTTGCATGAACG
2230	ATGCCAATAGAAGCTGGGGATGCT	AGCATCCCCAGCTTCTATTGGCAT
2231	CCTAACTCTCCCTTGAGGCCGTTC	GAACGGCCTCAAGGGAGAGTTAGG
2232	ATCTCGGCGAAGGTTCCAAACATT	AATGTTTGGAACCTTCGCCGAGAT
2233	GCGACAGATTACGCTGCGGTTTTC	GAAAACCGCAGCGTAATCTGTCGC
2234	AAGCCCAGACGGCCAACACGTTAC	GTAACGTGTTGGCCGTCTGGGCTT
2235	TCAAGTTCAAATCACATCCCGTGG	CCACGGGATGTGATTTGAACTTGA
2236	GATTGTCGTTCTGTCAGGCG	CGCCTCACAGACAGACGACAATC
2237	ACCGAACTATGTTCCGGCATGGCA	TGCCATGCCGGAACATAGTTCGGT
2238	CGTCATCGGGTGTGCAATGCCGTT	AACGGCATTGCACACCCGATGACG
2239	CGGACGGAGTCACGTTTGTGCACT	AGTGCACAAACGTGACTCCGTCCG
2240	TAAACAAGTCGTGTGCCTTTGCCG	CGGCAAAGGCACACGACTTGTTTA
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2242	GGAGCGGCCCGAATGGTGCTCTTA	TAAGAGCACCATTCGGGCCGCTCC
2243	ACTAAGCAAGGCTTGGATGTGCGT	ACGCACATCCAAGCCTTGCTTAGT
2244	GGCAGCTCAGCGGCAGTACGCTAC	GTAGCGTACTGCCGCTGAGCTGCC
2245	GCGAGGCGAATTATCCGCGGATTT	AAATCCGCGGATAATTCGCCTCGC
2246	CATACGACACACCTTGGGGTGCTA	TAGCACCCAAGGTGTGTCGTATG
2247	TGCTTGGGCTTTAAACCCCGTTTT	AAAACGGGGTTTAAAGCCCAAGCA
2248	CCGGTTGGAAAACGCAAATATCGG	CCGATATTTGCGTTTTCCAACCGG
2249	AAACTAGCTAGCCGCACCCGCAAG	CTTGCGGGTGCGGCTAGCTAGTTT
2250	GTTGTTCCACCAGTGATCACGCAG	CTGCGTGATCACTGGTGGAACAAC
2251	GCCGCTGACAAGATGATCATCGTT	AACGATGATCATCTTGTCAGCGGC
2252	CTTTCATAAAGCCAACCGATGCCC	GGGCATCGGTTGGCTTTATGAAAG
2253	CTGACTGCATCTCGAAAGCGGGTG	CACCCGCTTTCGAGATGCAGTCAG
2254	ATTTCTTCGGAGAATCGGCCACGT	ACGTGGCCGATTCTCCGAAGAAAT
2255	CATTTCGGGCCCTAGCTACTGCGC	GCGCAGTAGCTAGGGCCCGAAATG
2256	CCGATCCCGCACATCCGTATCCTG	CAGGATACGGATGTGCGGGATCGG
2257	TATCACCGGGAGCGTCTTATCGTG	CACGATAAGACGCTCCCGGTGATA
2258	TAGGGCTCGTGCACCGATTAGAGG	CCTCTAATCGGTGCACGAGCCCTA
2259	GCGTGGCACTCGCTTGTCTAGGTA	TACCTAGACAAGCGAGTGCCACGC

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2260	CTCAACGAACTCAAGGGCCGCTAC	GTAGCGGCCCTTGAGTTCGTTGAG
2261	AGCCTGGTATCGACCAATCCTGCA	TGCAGGATTGGTCGATACCAGGCT
2262	TACGCGTTCTAGTTGGCCGGATCC	GGATCCGGCCAACTAGAACGCGTA
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2264	GGGACCCCTAGCAACGTCACCTTA	TAAGGTGACGTTGCTAGGGGTCCC
2265	CTGCCTCCCAGGAGTCATTGGAT	ATCCAATGACTCCTGGGGAGGCAG
2266	AACCCCGCAAGACCAGTACCAATC	GATTGGTACTGGTCTTGCGGGGTT
2267	GGTCACATACGCGCTAAAAAGCGC	GCGCTTTTTAGCGCGTATGTGACC
2268	AAATGGCTCCGACCAGTTAGGGAC	GTCCCTAACTGGTCGGAGCCATTT
2269	AACGCGGCACGCTTAAAGGTGCAT	ATGCACCTTTAAGCGTGCCGCGTT
2270	GATCGCACGCCGATTAACCTTACA	TGTAAGGTTAATCGGCGTGCGATC
2271	CCTCCTGATTGGGAGTGCGGAATT	AATTCCGCACTCCCAATCAGGAGG
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2275	GGTGACCATGTGGCGTTTTAGCTT	AAGCTAAAACGCCACATGGTCACC
2276	CACGGTTGCGCACGGTACCAGAAC	GTTCTGGTACCGTGCGCAACCGTG
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2279	GTTTACGTTGATGGCTTGCCGCCG	CGGCGGCAAGCCATCAACGTAAAC
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2287	TTCGCCCATCGTATCAAGCAATTC	GAATTGCTTGATACGATGGGCGAA
2288	GAATCGCGACTACCCGTCGGGTCA	TGACCCGACGGGTAGTCGCGATTC
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2315	TCCCTACGCGCATGACTCGCTTAC	GTAAGCGAGTCATGCGCGTAGGGA
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2327	GCGCTGGATAGTCTGCGAGAAGCC	GGCTTCTCGCAGACTATCCAGCGC
2328	TGAGTCCAGTGCTGCCACCATGAA	TTCATGGTGGCAGCACTGGACTCA
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2332	CTTTGTGCAAGACGAAGCACCCTT	AAGGGTGCTTCGTCTTGCACAAAG
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200.	GCGATC
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	CGTGGA
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2373 TATTTGTCGAAGATCGCAAGCGCC GGCGCTTGCGATCTTCGA	ACAAATA

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2374	GTCAGTGGGTTTTGAGAGCCCGCA	TGCGGGCTCTCAAAACCCACTGAC
2375	AGGGGTCGGGAAATCTGACAAAA	TTTTGTCAGATTTCCCGACCCCCT
2376	TGCTTGCTATCCGAAAAAAGCAGG	CCTGCTTTTTCGGATAGCAAGCA
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2498	GTCCTCGAAAGGGGCATCCAAACA	TGTTTGGATGCCCCTTTCGAGGAC
2499	CCCATCTGGTGGGAGGCGTTATCA	TGATAACGCCTCCCACCAGATGGG
2500	GTGCGCGGTCTGCAAACTCGCCAT	ATGGCGAGTTTGCAGACCGCGCAC
2501	TGTGTTGCCAACCCTAGGTCATCA	TGATGACCTAGGGTTGGCAACACA
2502	CTGATGCTGTTCTCGTCGGTTGAC	GTCAACCGACGAGAACAGCATCAG
2503	AAGCTGCAAAAGGTGAGCGTGGCA	TGCCACGCTCACCTTTTGCAGCTT
2504	TCTGACGCGTGCTTGGGAGTCTAT	ATAGACTCCCAAGCACGCGTCAGA
2505	GAATTACTTGGAGGCGCCGTGCAA	TTGCACGGCGCCTCCAAGTAATTC
2506	GATTCTTCCCGACCTAGGTTGGCC	GGCCAACCTAGGTCGGGAAGAATC
2507	CGCAGCGTATCCCATGTTGCTTGA	TCAAGCAACATGGGATACGCTGCG
2508	GAGATGGAATTGTTCGCCCAAAGA	TCTTTGGGCGAACAATTCCATCTC
2509	GATGCCTGGATCGGTCTAGCGTCA	TGACGCTAGACCGATCCAGGCATC
2510	GCAGCGACTGCTAAGCTATCTCGG	CCGAGATAGCTTAGCAGTCGCTGC
2511	AGGGCTAATTTACATCGCCTTGCC	GGCAAGGCGATGTAAATTAGCCCT
2512	AAGTGCACATCCTCACGAAGCGAT	ATCGCTTCGTGAGGATGTGCACTT
2513	TCAGGCAGCCGTAATTAAATGCGC	GCGCATTTAATTACGGCTGCCTGA
2514	CCACTGGGGAAATCGCACTGTTGG	CCAACAGTGCGATTTCCCCAGTGG
2515	TTGTCCAAAGCCACCTACGACAGA	TCTGTCGTAGGTGGCTTTGGACAA
2516	TGGGCGGAATAGATTGGGTGTCTT	AAGACACCCAATCTATTCCGCCCA
2517	TAGAATTCGCCTCTTCTAGCCGCC	GGCGGCTAGAAGAGGCGAATTCTA
2518	CATTACTTCCTGCAGATGCGATGC	GCATCGCATCTGCAGGAAGTAATG
2519	GGAAATGCTAGCTGGGGTAATCGC	GCGATTACCCCAGCTAGCATTTCC
2520	GCCGCCACTTGCGAATCTACATCT	AGATGTAGATTCGCAAGTGGCGGC
2521	ACAATAGCGGACAGCTCGCCAGAT	ATCTGGCGAGCTGTCCGCTATTGT
2522	AGTTAGGCTCTCGGTGCGGTCCAT	ATGGACCGCACCGAGAGCCTAACT
2523	TGGGCCTGAGAAGCGGTTAATAGG	CCTATTAACCGCTTCTCAGGCCCA
2524	ACGCTCTGAGCGACGCCTATCGTA	TACGATAGGCGTCGCTCAGAGCGT
2525	CCTGGTGATCGTGTCCCAGACTCA	TGAGTCTGGGACACGATCACCAGG
2526	GCGTGTCCATTCGCTTGAGGTTTC	GAAACCTCAAGCGAATGGACACGC

2527	ATCCTGAACGGCGATGACCACCAC	GTGGTGGTCATCGCCGTTCAGGAT
2528	TTACGTTTCTCACCGATCAACGCC	GGCGTTGATCGGTGAGAAACGTAA
2529	GCCGTCTTGAGTGGCTAAAAGGCA	TGCCTTTTAGCCACTCAAGACGGC
2530	ATCTACGATGCGGCTCGAAGTGTT	AACACTTCGAGCCGCATCGTAGAT
2531	AACCAAGACTCGTCCCCAAACGAA	TTCGTTTGGGGACGAGTCTTGGTT
2532	AACTGCGGTGGTGGAGGCAGGTGC	GCACCTGCCTCCACCACCGCAGTT
2534	TGCGATCTTCTCCACCTACAGCGC	GCGCTGTAGGTGGAGAAGATCGCA
2535	AGGCGCTTAGAACCGTGAAGGCAG	CTGCCTTCACGGTTCTAAGCGCCT
2536	TGGAAAATTTTGGGAAACGCTGGA	TCCAGCGTTTCCCAAAATTTTCCA
2537	CCAGCGCCGCACCTTCTCCAATAG	CTATTGGAGAAGGTGCGGCGCTGG
2538	TAGACGGCTGGCGAATCTTACGGT	ACCGTAAGATTCGCCAGCCGTCTA
2539	TACCATACAAGAGAACGAGCCGCA	TGCGGCTCGTTCTCTTGTATGGTA
2540	GTAGCCGAGAGCAATTTTCACCGC	GCGGTGAAAATTGCTCTCGGCTAC
2541	GCAAACTCCCCTGCCCTTTAGCCT	AGGCTAAAGGGCAGGGGAGTTTGC
2542	ATCCCGCTGATAACCGCCAGGATA	TATCCTGGCGGTTATCAGCGGGAT
2543	AGTCTCAGTTCGGCGCAACGGTAG	CTACCGTTGCGCCGAACTGAGACT
2544	AACCTACAGTCGCCGCAATGCATT	AATGCATTGCGGCGACTGTAGGTT
2545	ATACACGTTTCAGCCGGCAACAAT	ATTGTTGCCGGCTGAAACGTGTAT
2546	ACGACGGACGTGCCCTCGTTGAT	ATCAACGAGGGCACGTCCCGTCGT
2547	AAGTCCAAACTCGAATGGGGCAGT	ACTGCCCCATTCGAGTTTGGACTT
2548	GATTTATTGGCGCGGTAACGACCT	AGGTCGTTACCGCGCCAATAAATC
2549	TGTTTCAGAGGCTACCCTGCCAT	ATGGCAGGGTAGCCTCTGAAAACA
2550	ACGGTCTCAGGGAAATGCGATCTC	GAGATCGCATTTCCCTGAGACCGT
2551	GACTTGAAACCGCCTATGCCCACA	TGTGGGCATAGGCGGTTTCAAGTC
2552	CGATCGGTTGTGTGTCTTACC	GGTAAGACAGCACAACCGATCG
2553	AGTAGCACAATGCCTCATTTCCGC	GCGGAAATGAGGCATTGTGCTACT
2554	CTCGCTATCTACGCGTCTCCGAAA	TTTCGGAGACGCGTAGATAGCGAG
2555	AGCCCGTTACGGCATCTAGGATTC	GAATCCTAGATGCCGTAACGGGCT
2556	TCGCGATGGCGAGAGTTCAGAATA	TATTCTGAACTCTCGCCATCGCGA
2557	TTACAGGATTCCAAAACCCGCAAA	TTTGCGGGTTTTGGAATCCTGTAA
2558	CGGTACCAACGCGCGGGCATATGA	TCATATGCCCGCGCGTTGGTACCG
2559	TGCCAGTATTATCCGTGCCAGCCG	CGGCTGGCACGGATAATACTGGCA
2560	ATTTCAGACCTCGGGACAACCTGG	CCAGGTTGTCCCGAGGTCTGAAAT
2561	GAAGTGCGCGTAACTTAGGGAGCC	GGCTCCCTAAGTTACGCGCACTTC
2562	TTGGCCAGGTCATCACTCTGCCAT	ATGGCAGAGTGATGACCTGGCCAA
2563	ATCGGCCGGTATTAGCTGCCCTCC	GGAGGCAGCTAATACCGGCCGAT
2564	CGCAGGTAAGGCCGAGCAATGTTT	AAACATTGCTCGGCCTTACCTGCG
2565	TTGGGAACGTGCTAGGCGGCCCTC	GAGGGCCGCCTAGCACGTTCCCAA

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2567	CATCTCGGCACACTGGTGCTGTAT	ATACAGCACCAGTGTGCCGAGATG
2568	ACGCGTAAATCAACGACGTGGTCG	CGACCACGTCGTTGATTTACGCGT
2569	CGTAGGTGGTAAATGTTGGCCCAG	CTGGGCCAACATTTACCACCTACG
2571	TTCGAGCCAGAATAAAACGGTTGG	CCAACCGTTTTATTCTGGCTCGAA
2572	AGAGATATTCGGCCTCGGTCGAGA	TCTCGACCGAGGCCGAATATCTCT
2573	CGACAAAGTTTCTCGCGAGCAACT	AGTTGCTCGCGAGAAACTTTGTCG
2574	ATTGCCGCGTCTCGTATCAAAAGA	TCTTTGATACGAGACGCGGCAAT
2575	CGGAGAATGGATGCAGGTTCTTCG	CGAAGAACCTGCATCCATTCTCCG
2576	TATAATCATTTGCGACTCGCCCCA	TGGGGCGAGTCGCAAATGATTATA
2577	AATTTTCCCCGATTTGAAGAAGCG	CGCTTCTTCAAATCGGGGAAAATT
2578	TCGCATACTTCGTCGGCGAGTATT	AATACTCGCCGACGAAGTATGCGA
2579	CGTGAGCCGTTCTCATCCAAGCGG	CCGCTTGGATGAGAACGGCTCACG
2580	GCAGAATCGAATTGGGGTGGGTTT	AAACCCACCCCAATTCGATTCTGC
2581	CTCTCGGTTTCTCAACCGAGCTCG	CGAGCTCGGTTGAGAAACCGAGAG
2582	GACCAGTTAGTGCAATGGTTGGCG	CGCCAACCATTGCACTAACTGGTC
2583	TTCTCGCACAGCTAGTCAGCCGAT	ATCGGCTGACTAGCTGTGCGAGAA
2584	CCAAGTCTTGCGTGAGCGATCCTG	CAGGATCGCTCACGCAAGACTTGG
2585	GCGAAAGTGGCTCGTATTTCTCCA	TGGAGAAATACGAGCCACTTTCGC
2586	CCTCGGGACTGTCCGACTGAAAAA	TTTTCAGTCGGACAGTCCCGAGG
2587	AGGCGAGTGTACGGCTCATCCATG	CATGGATGAGCCGTACACTCGCCT
2588	GCGGCTCTGCCTACGATATTCACA	TGTGAATATCGTAGGCAGAGCCGC
2589	TGCACCTGTCTGTAGATTTGCGGT	ACCGCAAATCTACAGACAGGTGCA
2590	CATAAAGCACGGACGCGACTTGAT	ATCAAGTCGCGTCCGTGCTTTATG
2591	CCCTCAACGTAGGGCGTGACTTTC	GAAAGTCACGCCCTACGTTGAGGG
2592	GGGTCATCGTGCAGTTATGCCGTA	TACGGCATAACTGCACGATGACCC
2593	CCCGGATAATCCTTTGTCCAGCCG	CGGCTGGACAAAGGATTATCCGGG
2594	TCCGATAAGCGAACTCACATGGGT	ACCCATGTGAGTTCGCTTATCGGA
2595	CCTGCTGGTTCGGTCGTAAGCGAA	TTCGCTTACGACCGAACCAGCAGG
2596	GAGGCACCAATCGGTCTGAAAATG	CATTTTCAGACCGATTGGTGCCTC
2597	TACGAAAATGGTTGCGCCGGGTCT	AGACCCGGCGCAACCATTTTCGTA
2599	AATTGCCGGAAGCAGTCAGAATCG	CGATTCTGACTGCTTCCGGCAATT
2600	CCGAATCAGCCGTATTTGCTGGAA	TTCCAGCAAATACGGCTGATTCGG
2601	CCCGCTTATCTGTACTCGATCGCA	TGCGATCGAGTACAGATAAGCGGG
2602	TTTTGGGGATCCCTATTAGGCGCA	TGCGCCTAATAGGGATCCCCAAAA
2603	AGTGACAGCGCTCACCACGGTCCC	GGGACCGTGGTGAGCGCTGTCACT
2604	CCATGAGTGTTTCGGGACATCGTA	TACGATGTCCCGAAACACTCATGG
2605	GCCACATTCTGCTACCTCCGTGTT	AACACGGAGGTAGCAGAATGTGGC
2606	TCCTGTGCTTTGTGACGTGCTAGG	CCTAGCACGTCACAAAGCACAGGA

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2607	GACCGCATATACACCTGATGGGCC	GGCCCATCAGGTGTATATGCGGTC
2608	GTAGGCCCGTCGTTAACCATCTCA	TGAGATGGTTAACGACGGGCCTAC
2609	CGGCTCGCGAAATGGAGTTTAGCG	CGCTAAACTCCATTTCGCGAGCCG
2610	GCTGATCGGCTTTTCACCGCTATA	TATAGCGGTGAAAAGCCGATCAGC
2611	TATCAAATCGTTGGCACGCGACTA	TAGTCGCGTGCCAACGATTTGATA
2612	TTGGCGAGGATCCCTAGGCGTACT	AGTACGCCTAGGGATCCTCGCCAA
2613	AAGTCCTGAGGCCGTTCGGTTTCT	AGAAACCGAACGGCCTCAGGACTT
2614	ACTCCGGACATCTCGGCCAGAGAT	ATCTCTGGCCGAGATGTCCGGAGT
2615	CCAAGGGAACACAGGATCGTAGA	TCTACGATCCTGTGTTCCCCTTGG
2616	GTGGCCTAAATCCGCCTTCTCAAC	GTTGAGAAGGCGGATTTAGGCCAC
2617	CACTCCGTCTCGTCCATTAATGCG	CGCATTAATGGACGAGACGGAGTG
2618	TCAAGAACCCAGTGCCGGTCAGCA	TGCTGACCGGCACTGGGTTCTTGA
2619	GAATCAATTTTCCAGGGACGGAC	GTCCCGTCCCTGGAAAATTGATTC
2621	ATCGGTGTGCTGGAGCGCCAGAGT	ACTCTGGCGCTCCAGCACACCGAT
2622	GCCTCTCCTATGACGATGACCCAC	GTGGGTCATCGTCATAGGAGAGGC
2623	TGGGCGCGCTTTTAAGACTACATC	GATGTAGTCTTAAAAGCGCGCCCA
2624	CGTTGGGTACCGTTCTATCAACCG	CGGTTGATAGAACGGTACCCAACG
2625	GCAGTGAGCTGGGTTCAATGCTTC	GAAGCATTGAACCCAGCTCACTGC
2626	CATCATCCACACAGGCAGGTGTGT	ACACACCTGCCTGTGTGGATGATG
2627	AGACAAAGGTCCCCATTGCGAAAT	ATTTCGCAATGGGGACCTTTGTCT
2628	ATACTCGTCGACGAGAAGCGGAAA	TTTCCGCTTCTCGTCGACGAGTAT
2629	GCAGAATGTGTTGTCTTCGCAGCC	GGCTGCGAAGACAACACATTCTGC
2630	CACCATGCCTTCATCTTGGCCTAG	CTAGGCCAAGATGAAGGCATGGTG
2631	ACTCTTCAACGCCAGGTTAAGCCA	TGGCTTAACCTGGCGTTGAAGAGT
2632	GCGACCTGCGGCGTGTGTATTCTC	GAGAATACACACGCCGCAGGTCGC
2633	TCGGTGTATGCACCCTTTCTCCAT	ATGGAGAAAGGGTGCATACACCGA
2634	ACCGTCGAATCTTGCGGCCAATGT	ACATTGGCCGCAAGATTCGACGGT
2635	TAATGCATGCTCCCGGCTCACGTT	AACGTGAGCCGGGAGCATGCATTA
2636	TCTGTACACACCACGTCGTGCACA	TGTGCACGACGTGGTGTACAGA
2637	CATGGGGTTGTCAGACGACACCTA	TAGGTGTCGTCTGACAACCCCATG
2638	AATCTGATGCTCGCTGTAGGACGG	CCGTCCTACAGCGAGCATCAGATT
2639	TCGAAACCGCGGGAAAGGGTAAAA	TTTTACCCTTTCCCGCGGTTTCGA
2641	TGGGGACGGGCGTCTAATCCTCC	GGAGGATTAGACGCCCGTCCCCCA
2642	AGGCATGCACCCATGCTGCCAGAG	CTCTGGCAGCATGGGTGCATGCCT
2643	TCCCAATGGCCTGTCAAGCATAAA	TTTATGCTTGACAGGCCATTGGGA
2644	GAACCTGAGCCTTTGCTAGCACGA	TCGTGCTAGCAAAGGCTCAGGTTC
2645	CGAATTGATAGCGTTACGGGCGAA	TTCGCCCGTAACGCTATCAATTCG
2646	TTGCACGCGCGCGAACGACTATTC	GAATAGTCGTTCGCGCGCGTGCAA

2647	TGCGGTGAAGCAGTCCAAGGTCAG	CTGACCTTGGACTGCTTCACCGCA
2648	TGAGGACCATCCAATGGATCGGTT	AACCGATCCATTGGATGGTCCTCA
2649	TCGGTGATTGGTAATTTGGATCCG	CGGATCCAAATTACCAATCACCGA
2650	GCGGCAGGTAGTTTGACTGGATG	CATCCAGTCAAACTACCTGCCCGC
2651	CAAGCACAAGCCCATGAAATTTCA	TGAAATTTCATGGGCTTGTGCTTG
2652	CGGTACAGCGATAGCCAAGGATA	TATCCTTGGCTATCCGCTGTACCG
2653	CCATGCTCTTCGCTGCAGCATACT	AGTATGCTGCAGCGAAGAGCATGG
2654	CGCGGCAAAGATTAATTCCCGGCG	CGCCGGGAATTAATCTTTGCCGCG
2655	GAAGACCCGTCCGGGTTTCCATAC	GTATGGAAACCCGGACGGGTCTTC
2656	CTGGCAAGGAGGATGTGGCTCGTG	CACGAGCCACATCCTCCTTGCCAG
2657	CTGTGCAGGGGGTGGCTCTGTTGA	TCAACAGAGCCACCCCTGCACAG
2658	TTCAATAATGATCACGAGGCCCCA	TGGGGCCTCGTGATCATTATTGAA
2659	TGGTGATGCGAAGCCTTACCTTTG	CAAAGGTAAGGCTTCGCATCACCA
2660	CTGCCACCATCTACGGCGCAGTCT	AGACTGCGCCGTAGATGGTGGCAG
2661	TTTGCCCAGCTCTCGCAGAAGTTA	TAACTTCTGCGAGAGCTGGGCAAA
2662	AATTCAGACGCCACATCGACGGTC	GACCGTCGATGTGGCGTCTGAATT
2663	CCGTGGTCTGCCTCGATTACCTAC	GTAGGTAATCGAGGCAGACCACGG
2664	GGCGAGGAATTTCGGAACCTTATG	CATAAGGTTCCGAAATTCCTCGCC
2665	ATCCGATGATCAGATACCGGCTGG	CCAGCCGGTATCTGATCATCGGAT
2666	CCATAGACTAGCGCCAGAGTGCCC	GGGCACTCTGGCGCTAGTCTATGG
2667	TGTGGACCTAGAAAATTGCCAGCC	GGCTGGCAATTTTCTAGGTCCACA
2668	GAATAATCATCGCGGTCCTCATGG	CCATGAGGACCGCGATGATTATTC
2669	GGGATTGGCTCTTGGTTGGAAGAA	TTCTTCCAACCAAGAGCCAATCCC
2670	ATTGTGCTTCCTCGAACTGGGAAA	TTTCCCAGTTCGAGGAAGCACAAT
2671	TGCCCCACCCGTAAGTCAATAAT	ATTATTGACTTACGGGGTGGGCA
2672	TCAGGACCGACGGTGCACTTAGTG	CACTAAGTGCACCGTCGGTCCTGA
2673	CCAGCCGTCACAGTGCAATTTCCG	CGGAAATTGCACTGTGACGGCTGG
2674	CTTAAAGAGGCGCGAAGCACAACA	TGTTGTGCTTCGCGCCTCTTTAAG
2675	TACCGCTCGTCGCGATCACAATGA	TCATTGTGATCGCGACGAGCGGTA
2676	CCGAGTGCGCGAAGTGTCTATGTG	CACATAGACACTTCGCGCACTCGG
2677	GCACCAGTGCCCGATCAAAACGTA	TACGTTTTGATCGGGCACTGGTGC
2678	TGCAGGCTTCTCAACGGCTGGGAG	CTCCCAGCCGTTGAGAAGCCTGCA
2679	CTCCGTACGTATCCCGCGTGATAC	GTATCACGCGGGATACGTACGGAG
2680	GGAAGTGCAACTTAAAGCCCCGCC	GGCGGGCTTTAAGTTGCACTTCC
2681	CGAACCGGCAGTCGATCGTTGCAT	ATGCAACGATCGACTGCCGGTTCG
2682	CCGTTAGTGGTCGACAGTTCGGTT	AACCGAACTGTCGACCACTAACGG
2683	TCAGGCTACGCCCTCAGCACTACA	TGTAGTGCTGAGGGCGTAGCCTGA
	TATACGGGCCGAGGTCCGTATTCG	CGAATACGGACCTCGGCCCGTATA

2685	CCAACGTGTGACGAAGGGCCATTG	CAATGGCCCTTCGTCACACGTTGG
2686	CTGCTCAGCGGTGCTTGAAAGACA	TGTCTTTCAAGCACCGCTGAGCAG
2687	GGAGATTGACTTCGCGTTTCACCA	TGGTGAAACGCGAAGTCAATCTCC
2688	ATGGTTCAGAAGGTTCGTCGGGTT	AACCCGACGAACCTTCTGAACCAT
2689	GAGTGGAGCATTCTCGGCCCTCAA	TTGAGGGCCGAGAATGCTCCACTC
2690	TGGATTGGAACCAATCCCGCACAA	TTGTGCGGGATTGGTTCCAATCCA
2691	TGCTCTTGTGGTCACTCGAGAGGA	TCCTCTCGAGTGACCACAAGAGCA
2692	TTGGGAGCACGGTTACCGCCTGTG	CACAGGCGGTAACCGTGCTCCCAA
2693	CAACGCGAGCTAACGGTAGTTTCG	CGAAACTACCGTTAGCTCGCGTTG
2694	AACGCTGAGCGCTCACCTTCACCT	AGGTGAAGGTGAGCGCTCAGCGTT
2695	CCGTCGTAGATCTGGAGGCTTCAA	TTGAAGCCTCCAGATCTACGACGG
2696	GGATGGCATGGGCACACTGTAACC	GGTTACAGTGTGCCCATGCCATCC
2697	TCGCTCGTAGATATCCTTCACGCC	GGCGTGAAGGATATCTACGAGCGA
2698	GGAGCAATACCGCGTCCAAAACAC	GTGTTTTGGACGCGGTATTGCTCC
2700	TTGTTCAGACTTAGGCGCTGCCCA	TGGGCAGCGCCTAAGTCTGAACAA
2701	CGGCGGTACTCTTTCCACTGTCCT	AGGACAGTGGAAAGAGTACCGCCG
2702	AAGACGATTGCCCACGTGCCAGAG	CTCTGGCACGTGGGCAATCGTCTT
2703	AGGTGAGCGCAGGCATATTGCAGT	ACTGCAATATGCCTGCGCTCACCT
2704	CTCGGGCCTGTACAGCAAAGCCGT	ACGGCTTTGCTGTACAGGCCCGAG
2705	TGCGCGCTAGTGCTGCCTATGATC	GATCATAGGCAGCACTAGCGCGCA
2706	CCATCCTTTGCCTTGAGGGTAAGG	CCTTACCCTCAAGGCAAAGGATGG
2707	AACAACAGCGTAAGACGGACAGGG	CCCTGTCCGTCTTACGCTGTTGTT
2708	GAGGCGGTCGAGGCTCACAATATT	AATATTGTGAGCCTCGACCGCCTC
2709	CGAGGTTAGACGCCTATGACCCAC	GTGGGTCATAGGCGTCTAACCTCG
2710	AACTTGCTATACCGGGCGCAGCAA	TTGCTGCGCCCGGTATAGCAAGTT
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2712	CACCGAATCAAGCCATATGGCTCT	AGAGCCATATGGCTTGATTCGGTG
2713	TTCACAGCTATCCTAGGCGCTGCC	GGCÀGCGCCTAGGATAGCTGTGAA
2714	AGAAGCGCGAAGTGTACCCCGCAT	ATGCGGGGTACACTTCGCGCTTCT
2715	TGCATGGTATTTGCGTGCGATAGG	CCTATCGCACGCAAATACCATGCA
2716	GGCCGGACCTATGTGAGATGGAAA	TTTCCATCTCACATAGGTCCGGCC
2717	TCAACCTGAGTCCTGATCCCAAGC	GCTTGGGATCAGGACTCAGGTTGA
2718	TGCTTACCGTTCAGGGAGGCGTGT	ACACGCCTCCCTGAACGGTAAGCA
2719	GGAGAGTTACGCGATGAGCCACCT	AGGTGGCTCATCGCGTAACTCTCC
2720	CGGTATGCGGTGTACAGCTTTCGT	ACGAAAGCTGTACACCGCATACCG
2721	GTAAGCCGGGTCTCGTGTCGCCGT	ACGGCGACACGAGACCCGGCTTAC
2722	GCGTAGTGCGAACGCCCCGACCTA	TAGGTCGGGGCGTTCGCACTACGC
2723	TCCTCGCGGCTTACGTCAAATTCG	CGAATTTGACGTAAGCCGCGAGGA

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0704	I CONCETTON A COCCOCA CACCACO	Tectestotececettte Acctoc
2724	CGACGTTCAAAGCGGGAGAGGAGG	CCTCCTCTCCCGCTTTGAACGTCG
2725	CGAGGCACCCCGACATGTTGAGAT	ATCTCAACATGTCGGGGTGCCTCG
2726	CTATTTCGTGCCGCGTCGGACAAG	CTTGTCCGACGCGCACGAAATAG
2727	GGCTGCTCAGTGACGTGTCAACTG	CAGTTGACACGTCACTGAGCAGCC
2728	ATCACTCGTGCGTACCCGACCGTC	GACGGTCGGGTACGCACGAGTGAT
2729	CGAGATGTCCTATACCGTGGCGAA	TTCGCCACGGTATAGGACATCTCG
2730	TCACACCGAGCCCCATAAATGAAA	TTTCATTTATGGGGCTCGGTGTGA
2731	AGCTACGTGTCTCGAGCAAAAGCG	CGCTTTTGCTCGAGACACGTAGCT
2732	TCAGGGCGAGTTTTTTCAGCGGCG	CGCCGCTGAAAAAACTCGCCCTGA
2733	TTCGTTCTGTCTATTTTTGCCCCG	CGGGCAAAAATAGACAGAACGAA
2734	TGGTATGCCCAGGATCCAGCCTAC	GTAGGCTGGATCCTGGGCATACCA
2735	TCTCAGTCGTTAGGCCAATGGCGG	CCGCCATTGGCCTAACGACTGAGA
2736	AAAGATCACCGTGGAGCGATCGGC	GCCGATCGCTCCACGGTGATCTTT
2737	TAGCAGGACTTGCACTCGTGATGC	GCATCACGAGTGCAAGTCCTGCTA
2738	TGCCCACGGTACCGTTCAAGGCTG	CAGCCTTGAACGGTACCGTGGGCA
2739	TGAGGTGCGTCGCCCTAAGTAATG	CATTACTTAGGGCGACGCACCTCA
2740	AGCAAGGGTTACAACCCGCAACCC	GGGTTGCGGGTTGTAACCCTTGCT
2741	CACAACAGCCAGTATTCGCCACAA	TTGTGGCGAATACTGGCTGTTGTG
2742	GGCAACACCATACTCGACGAGCTC	GAGCTCGTCGAGTATGGTGTTGCC
2743	GGCTGGATTGACAATTTAGCCCCT	AGGGGCTAAATTGTCAATCCAGCC
2744	CGTGAGAAATGCTACACGCGTCAG	CTGACGCGTGTAGCATTTCTCACG
2745	CGCATCTGCCCCATTTTGTTCCTT	AAGGAACAAAATGGGGCAGATGCG
2746	GTCGGCCTAGTCGGCAGAACGGTG	CACCGTTCTGCCGACTAGGCCGAC
2748	TCCCTCACCTTCCAAAAATGTGCT	AGCACATTTTTGGAAGGTGAGGGA
2749	GGGCAAGAACATGAGAACAGACCG	CGGTCTGTTCTCATGTTCTTGCCC
2750	TCGTCCTGGTACGACTTGCGTAGA	TCTACGCAAGTCGTACCAGGACGA
2751	TGGCGGTTGCATGTGATGATCAAG	CTTGATCATCACATGCAACCGCCA
2752	CCTCGCGTGAGTAAAAACCGTCCG	CGGACGGTTTTTACTCACGCGAGG
2753	ACTTCCGCCACAGAATGCGGCCAG	CTGGCCGCATTCTGTGGCGGAAGT
2754	GTGTAGAGCTTGGGTAGCCCCGTT	AACGGGGCTACCCAAGCTCTACAC
2755	CGCAGCATCCGAGTTAACACACAT	ATGTGTGTTAACTCGGATGCTGCG
2756	ATGAGCCTGGGATGATCCGCTGGT	ACCAGCGGATCATCCCAGGCTCAT
2757	CCTGGCATAAGTGCCGACATGCTT	AAGCATGTCGGCACTTATGCCAGG
2758	GCGCATGAAAAACTACGACGGACG	CGTCCGTCGTAGTTTTTCATGCGC
2759	AAAGATGGGTCGATGGGAGCGTCT	AGACGCTCCCATCGACCCATCTTT
2760	ATCCTGGGCACGAGCGGATTTATC	GATAAATCCGCTCGTGCCCAGGAT
2761	TCACCGCATTTGATAGTTACGCGA	TCGCGTAACTATCAAATGCGGTGA
2762	TGGTGGAGCGGACTCTGGTGTTAT	ATAACACCAGAGTCCGCTCCACCA

2763 LACAMIGAAAVACAMIGECCUCA 2764 CCTITGCCGCGCITGTGGTACCAAC 2765 CCGAGACCITTGCCACACGAAAGA 2765 CCGAGACCITTGCCACACGAAAGA 2766 ACCGCGGTGTACACCTGAGCAGGC 2766 ACCGCGGTGTACACCTGAGCAGGC 2767 GTCGTACGCTACCGCAGCAGGAGA 2768 TCGTAATTTGACCGCAGCAGGAGA 2768 TCGTAATTTGACCGCAGCAGGAGA 2769 CCTAGACGGATACCCTGAGCAGGAG 2769 CCTAGACGGATACCCTGAGCAGGAGA 2769 CCTAGACGGATACCCTGAGCAGGAG 2770 AAGCGACACGAGAGATTCCGCTCAGGGTAACCCTCTGCTTCGGT 2771 GCGTGGACCACAGAGGTTCAGTCGC 2772 GTCGGAGAGCACCAGGAGA 2775 CATCAGCGGATACCCTGAGCGGT 2776 TATCCGCACGGGATATCACCTGGGCGT 2777 ATACCGCACGGATATCACCTGGGCGT 2776 CATCAGCGGATACCCTGAGCGT 2777 TATCCGCACGGGATATCACCTGGGCGT 2776 CGGATTAATGCAGTTCACCTCGACC 2777 TTCGTCGGACAGCTACCTCAGCCT 2777 TTCGTCGGCAACCTACACGCT 2778 CGCGATTAATGCCTTCAGCCT 2779 GGCCGAGACCACCAGTAACCAGGTT 2779 GGCCGAGACCACCAGTAACCAGG 2779 GGCCGAGACCACCAGTAACCAGG 2780 CGCGCGGAACCACCAGTAACCAGGT 2781 TCGGCTTACCGCTTCAGCCT 2782 GACCACCACCAGTAACCAGGT 2782 GACCGACCACCAGTACCAGG 2783 AGAGGAAGCAACCACGATTACACT 2784 TTCCAATGCGGTTCGTCTGACTT 2785 AAATGGGGTTACGCGTTCAGCCT 2786 TCGGCTCACGGCTTCGTCTGACTT 2787 TCGGCTCACGCTTCGTCTGACTT 2788 TCGGCTTACCGCTTCGTCTGACTT 2780 CGCCGAGAGCATTGAAGTTACTA 2781 AGACGAACGAAGCAACAC 2782 GACTGACGTTAAGCTACTC 2783 AGAGGAAGGAGGGGAACCACC 2784 TTCCAATGCGATTGCAAGCTACACAC 2785 AAATGGGGTTAACCACTTCTTCTCTCTCTCTCTCTCTCTC	2762	ICACAATCAAAAAAAAAATCCCCCCA	TOCOCCATTOTTTTTCATTOTO
2765 CCGAGACCTTTGCCACACGAAAGA 2766 ACCGCGGTGTACACCTGAGCAGGC GCCTGCTCAGGTGTACACCGCGGT 2767 GTCGTACGCTTACCGCAGCGGAGA 2768 TCGTAATTTGACCGACACGCAG 2769 CCTAGACGGATACCCTGAGCAGGA 2769 CCTAGACGGATACCCTGAGCAGGAA 2769 CCTAGACGGATACCCTGAGCGGAA 2770 AACCGACACACACCACGCAG 2771 GAGCGGATACCCTGAGCGGAA 2771 GCGTGAGCGGACACACACGCAG 2772 GTCGGACGACACACCTGCGC 2772 GTCGGAGAGCCAGAGGTTCAGTCGC 2773 GTCAGACGACACACTGAGCGTT 2774 TATCCGCACGATTACCACTGGCGT 2775 CATCAGTCGGCGTAACCACTGGCTT 2776 CGGATTAACAGTTGCA 2777 TTCGTCGGCCAAGCTTCAGCCT 2777 TTCGTCGGCCAAGCTACACTGCAC 2777 TTCGTCGGCACTTTCCTCGGAAT 2777 TTCGTCGTGCAACCACTGGATACACTTGCACCC 2777 TTCGTCGTCCAACCTTCAGCCT 2778 GCCGAGAACCACCAGTAACAAGTTACAC 2779 GGCCGAGACCACCAGTAACAAGTTACACTTCAGCCC 2780 CGCGCGGAAGCCACCAGTAACAAGGTT 2780 CGCGCGGAAGCCACCAGTAACAAGGTT 2781 TCGGCTTACCGCTTCGACTT 2782 GACTGACGTCAAGCAACACC 2783 AGAGGAAGCACACCAGTAACAAGGTT 2784 TCCAATGCGAGCAACACAC 2785 GACTGACGTCAAGGCAACAC 2786 GCTGACGTCAAGGCAACAC 2786 GCTGACGTCAAGGCAACAC 2787 TCCAATGCGAGCAAGCAACAC 2788 TCCACTACGAGCAAGCAACAC 2788 GCTGCGAGAGCAGCACAC 2788 TCCACTACGAGCAAGCAACAC 2788 GCTGCGGATTATTCCACGCCTGT 2786 GCTTCCACTTCCAATTATTCCACCCCCTCCTTCCTCT 2787 CCGACTTTATTTTCACCGCCTGT 2788 GCTGCGGATTATTTCCACGCCTGT 2789 TGAGCTTCACAACACACAC 2789 TGAGCTTCAAAACACACAC 2789 TGAGCTTCAAAAACACACC 2789 TGAGCTTCAAAAACACACC 2789 TGAGCTTGCAATAAACAAAAAAAAAAAAAAAAAAAAAAA	2763	CACAATGAAAAAACAATGGCCCCA	TGGGGCCATTGTTTTTCATTGTG
2766 ACCGCGGTGTACACCTGAGCAGGC GCCTGCTCAGGTGTACACCGCGGT 2767 GTCGTACGCTTACCGCAGCGGAGA TCTCCGCTGCGTAAGCGTACGAC 2768 TCGTAATTTGACCGACACACGCAG CTGCGTGTGTCGGTCAAATTACGA 2769 CCTAGACGGATACCCTGAGCGGAA TTCCGCTCAGGGTATCCGTCTAGG 2770 AAGCGACAGCAGAGGTTCAGTCGC GCGACTCACCTCTGCTGTAGG 2771 GCGTGGACGATACCCTGAGGCGT ACGCCCAGGTGATCCGTCTAGG 2772 GTCGGAGAGCCAATCACCTGGGCGT ACGCCCAGGTGATACCGTCCAGC 2772 GTCGGAGAGCCAGTGGTACGGCTT ACCCGTCACCTCTGCCTT 2774 TATCCGCACGGTATAGCAGTTGCA TGCAACCTCTGCTGTCCGAC 2775 CATCAGTCGGGCTACCTTCAGCCT AGGCTGAACGTCACTGGCTCTCCGAC 2776 CGGATTAATGCCTTTCCTCGGAAT ATTCCGAGGAACGCCACGACGAT 2777 TTCGTCGTGCCAAGCTAATCAAC 2777 TTCGTCGTGCCAAGCTAATACAAGCTT 2779 GGCCGAGACCACCAGTAACAAGGTT ACCTGTTACCTTGCGCCC 2780 CGCGCGGAAGCATTGAAGTTACTA ATTCCGAGGAAAAGGCATTAATCCG 2781 TCGGCTTACCGCTTCGTCTGACTT AAGTCACTCAATGCTTCCGGCCC 2782 GACTGACGTCAGGCTAAGCAAC 2783 AGAGGAAGGAGCAACAAC GTGTTCCTCGACGCC 2784 TTCCAATGCGGTCTGACTT AAGTCACTCCAATGCTTCCGCCGC 2785 AAATGGGGTGCAAGGCAAGCAACAC GTGTTGCTTGACGTCAGTC 2786 GCTGCAGAGAAGAAGCAACAC GTGTTGCTTGACGTCCTCTCTCT 2787 TTCCAATGCGAAGAAGAAGAACAC GTGTTGCTTGACGTCAGTC 2788 TCCAATGAAGAAGAAACAC GTGTTCTCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT			
2767 GTCGTACGCTTACCGCAGCGGAGA 2768 TCGTAATTTGACCGACACACGCAG CTGCGTGTGTCGGTCAAATTACGA 2769 CCTAGACGGATACCCTGAGCGGAA TTCCGCTCAGGGTATCCGTCTAGG 2770 AGCGACAGCAGAGGGTTCAGTCGC GCGACTGACCTCTGCTGTCCTTT 2771 GCGTGGACGGATATCACCTGGGCGT ACGCCCAGGTGATCTCGCTGTCGCTT 2772 GTCGGAGAGCCAGTGGTACGCGT ACGCCCAGGTGATCTCGCTGCGCTT 2774 TATCCGCACGGTTAAGCAGTTGCA TGCAACCACTGGCTCTCCGAC 2775 CATCAGTCGGGCTACCTTCAGCCT AGGCTGAACCTCTGCGACTATCCCGCACGATTAATACCAGTCGAACCACTGGCTCTCCGAC 2776 CGGATTAATGCAGTTGCA TGCAACTGCTATACCGTGCGGATA 2776 CGGATTAATGCAGTTCAGCCT AGGCTGAAGGTAGCCCGACTGATG 2777 TTCGTCGTGCCAAGCTAATGCAAG 2779 GGCCGGAACCACCAGTAACAAGGTT AACCTGTTACTGTGGCACGACGAA 2779 GGCCGGAAGCATGAACAGGTT AACCTGTTACTGGTGCTCCGGCC 2780 CGCGCGGAAGCATTGAAGTTACTA TAGTAACTTCAATGCTTCCCGGCC 2781 TCGGCTTACCGCTTCGTCTGACTT AACTCAGACGAAGCGGTAAGCCGA 2782 GACTGACGTCAAGGCAACACAC GTGTTGCTTGACGTCAGCC 2783 AGAGGAAGGAGGGGAAGCAACAC GTGTTGCTTGACGTCAGGCC 2784 TTCCAATGCGAGAGAAGCAACAC GTGTTGCTTGACGTCAGTC 2785 AAATGGGGTAAGAATAGCAAC 2786 GCTGCGAAAACAATGCAAC 2787 CCGACTTTTTTTTTTTTTTTCTGGCC 2788 GCTGCGAATTATTGCACCCCTGT 2788 GCTGCGAATTATTGCACGCCTGT 2788 GCTGCGAATTATACCGCTTGC 2788 GCTGCGAATATACCCGCTGT 2788 GCTGCGGATTATACCCGTCCAGAA 2789 TGAGCTGGGCGTCAACTCCGAAAA 2790 CCCAAGCATTCTTTTTTTTTTTTTTTTTTTTTCTGGCC 2791 CGACAGCAATCCCAAACACAC 2792 TGAATGGGGGGAAACCAACTCCCAAAA 2793 CTTGCATCAGACACCCCATTT 2794 TCCATTCCAGCAACACCAACTTCAACACACCCCATTTCAACCACCCCATTCACCAC			
2768 TCGTAATTTGACCGACACGCAG CTGCGTGTGTCGGTCAAATTACGA 2769 CCTAGACGGATACCCTGAGCGGAA TTCCGCTCAGGGTATCCGTCTAGG 2770 AAGCGACAGCAGAGGTTCAGTCGC GCGACTGAACCTCTGCTGTCGCTT 2771 GCGTGGACGATATCACCTGGGCGT ACGCCCAGGTGATATCGTCCACGC 2772 GTCGGAGAGCCAGTGGTACGGCTT AAGCCCAGGTGATATCGTCCACGC 2774 TATCCGCACGGTATAGCAGTTGCA TGCAACCTGCTACCACTGGCTCTCCGAC 2775 CATCAGTCGGGCTACAGCCTT AAGCCGTACCACTGGCTGATGATA 2776 CGGATTAATGCCTTTCCTCGGAAT ATCCGAGAGAAGGCCGATCAGTGC 2777 TTCGTCGTGCCAAGCTAATGCAAG CTTGCATTAGCTTGGCACGACACACACACACACACACACA			
2769 CCTAGACGGATACCCTGAGCGGAA TTCCGCTCAGGGTATCCGTCTAGG 2770 AAGCGACAGCAGAGGTTCAGTCGC GCGACTGAACCTCTGCTGTCGCTT 2771 GCGTGGACGATATCACCTGGGCGT ACGCCCAGGTGATATCGTCCACGC 2772 GTCGGAGAGCCAGTGGTACGGCTT AAGCCGTACCACTGCCTCCGAC 2774 TATCCGCACGGTATAGCAGTTGCA TGCAACTGCTATACCGTGGCGATA 2775 CATCAGTCGGGCTACCTCCAGCCT AGGCTGAAGGTAGCCGACTGATG 2776 CGGATTAATGCCTTCCTCGGAAT ATTCCGAGGAAAGGCATTAATCCG 2777 TTCGTCGTGCCAAGCTAATGCAAG CTTGCATTAGCTTGGCACGACACTGCTTAACCGTGCGAATA 2779 GGCCGAGACCACCAGTAACAGGTT AACCTGTATACTGGCCC 2780 CGCGCGGAAGCATCAAGAGTT AACCTGTTACTGGTGTCCGCCC 2781 TCGGCTTACCGCTTCGTCTGACTT AAGTCAGAGGACAGCACCACAGAACACC GTGTTGCTTGACTTCCTCGCAC 2782 GACTGACGTCAAGGCAACAC GTGTTGCTTGACTTCCTCCTC 2783 AGAGGAAGGAGGGGCTGTGACAGA TCTGTCACAGCCCCTCCTTCCTCT 2784 TTCCAATGCGAGAGAACACA TCTGTCACAGCCCCTCCTTCCTCT 2785 AAATGGGGTGCTCGAAGAATATGTCG CGACATATTCGAAGCACCCCATTT 2786 GCTGTCGGATTATTGCACGCCTGT ACACGCCCCTCCTTCGCATTGGAA 2787 CCGACTTTGTTTATGTTGCAGCCCTGT ACACGCCCCTCCTTCGCATTGGAA 2788 GCTGCGATATAACCCGCCTGT ACAGGCAACAACAACACCCCATTT 2788 GCTGCGATTATTGCACGCCTGT ACAGGCGGGTAAAACAAAGCACCCCATTT 2788 GCTGCGATTATTCGACGCCCTGT ACAGGCAGCAACAAAAACAAAGTCGG 2789 TGACTGGGGGGTCAACTCCCAAGAA TCTTCGGAGTTAATCCGACGC 2789 TGACTGGGCGTCAACTCCCAAGA TCTTCGGAGTTTATCGCAGC 2790 CCCAAGCAATCACAACTCCCCCAGAA TCTTCGGAGTTTATCGCAGC 2791 CGAACGCATCCTAAATCTCCCTCG CGAGGAGATTTAAGCACCCCAACTCAA 2792 TGAATGGTCGGAAACCAATGCAT ATGCATTCGTTGGA 2793 CTTTGCATCGAGAACCAATGCAT ATGCATTCGTTCG 2794 TCCATTTCCTCCACAATGCATTCTT AAGAATGCATTGTGCAGAACAACAAAGAAAGAAACCAATGCATTCATCCTCCG 2795 CAAGCAATCCCAACAATCACCTAAACCAATGCATTCATCAAGAAACAAAACAAAGAAAG			
2770 AAGCGACAGCAGAGGTTCAGTCGC GCGACTGAACCTCTGCTGTCGCTT 2771 GCGTGGACGATATCACCTGGGCGT ACGCCCAGGTGATATCGTCCACGC 2772 GTCGGAGAGCCAGTGGTACGGCTT AAGCCGTACCACTGGCTCTCCGAC 2774 TATCCGCACGGTATAGCAGTTGCA TGCAACTGCTATACCGTGCGGATA 2775 CATCAGTCGGGCTTCCTCGGACT 2776 CGGATTAATGCCTTCCTCGGAAT ATCCGAAGGTAGCCCGACTGATG 2777 TTCGTCGTGCCAAGCTTACCAGCCT AGCCTGATGGCACGACGACGACGAC 2777 TTCGTCGTGCCAAGCTAATGCAAG CTTGCATTAGCTTGGCACGACGAA 2779 GGCCGAGACCACCAGTAACAGGTT AACCTGTTAACTTGGTGGTCTCGGCC 2780 CGCGGGAAGCATCACAGGTT AACCTGTTACTGATGGTCTCCGCGCG 2781 TCGGCTTACCGCTTCGTCTGACTT AAGTCACTCATTGCATTG			
2771 GCGTGGACGATATCACCTGGGCGT ACGCCCAGGTGATATCGTCCACGC 2772 GTCGGAGAGCCAGTGGTACGGCTT AAGCCGTACCACTGGCTCTCCGAC 2774 TATCCGCACGGTATAGCAGTTGCA TGCAACTGCTATACCGTGCGATA 2775 CATCAGTCGGGCTACCTTCAGCCT AGGCTGAAGGTAGCCCGACTGATG 2776 CGGATTAATGCCTTTCCTCGGAAT ATTCCGAGGAAAGGCATTAATCCG 2777 TTCGTCGTGCAAGCTAATGCAAG CTTGCATTAGCTTGGCACGACGAC 2779 GGCCGAGACCACCAGTAACAGGTT AACCTGTTACTGGTGGTCTCGGCC 2780 CGCGCGGAACCATGAAGGTTAATA TAGTAACTTCAATGCTTCCGCGCG 2781 TCGGCTTACCGCTTCTGACTT AAGTCAATGCTTCCGCGCG 2782 GACTGACGTCAAGGCAACAC GTGTTGCTTGACTCAATGCTTGCAGTCAATGCTTGCAGTCAATGCAGCAAACAC 2783 AGAGGAAGGAGGGGCTGGACAGA TCTGTCACAGCCCTCCTTCCTCT 2784 TTCCAATGCGAGGAATGCAAGCA TCTGTCACAGCCCTCCTTCCTCT 2785 AAATGGGGTGCTTCGAATATGTCG CGACATATTCGAAGCACCCCATTT 2786 GCTGTCGGATTATTGCACGCCTGT ACAGGCCGACCACATAATCCGACAGC 2787 CCGACTTTGTTTATGTTGCTGGCG CGCCAGCAACATAAACAAAGTCGG 2788 GCTGCGAATATACCCGTCCCAGAA TCTGGGACGAACAACAACACCCCATTT 2788 GCTGCGATATAACCCGTCCCAGAA TCTGGGACGGAGCAGCACACACACACACACACCCCATTT 2789 TGAGCTGGGCGTCAACTCCGAAGA TCTTCGGAGTTGACGCCCAGCC 2789 TGAGCTGGGCGTCAACTCCGAAGA TCTTCGGAGTTGACGCCCAGCTCA 2790 CCCAAGCATCCTAAATCTCCCTCG CGAGGGAGATTTAGGATGCTTGGG 2791 CGACAGCAATCCACATGCATTCTT AAGAATGCATTGGATTGCTGCG 2792 TGAATGGTCGGGAAACCAATGCAT ATGCATTGGATTGCTGCG 2793 CTTTTGCATCGAGAAACCAATGCAT ATGCATTCAGAAGCACCCCATTTCA 2793 CTTTTGCATCGAGAAACCAATGCAT ATGCATTCAGAAGGAGCACCCCATTCA 2790 CCCAAGCAACCCAACACCAATGCAT ATGCATTCAGAAGGAGAAATGCAA 2791 CCCATTCCCGCAACTTCCTAGG CCTGAGAATTTACGCAGCACATCCAAAACAAACAAAGTAAACAAAGGAG 2794 TCCATTTCCTCCGCAACTTCTCAGG CCTGAGAGTTTCCGAGCATTCACAAAG 2795 CACATACGACAACCAATGCAT ATGCATTCAGAGCACCATTCAA 2797 GTCATTGCATCAGAGAGA CCGCGCAACATTCAAAGCAACGAG 2798 TCCATTTCCTCCGCAACTTCTCAGG 2799 TTGATTGCATCAGGAGCATCTCAACAGAG CTCGTTGTCAGGATGGCGTTAGATGAAACAAACAGGCCCCAATTCAAACAGAG CTCGTTGTCAGAACAGAG 2798 ACCGGTAGACTTACAGGAG CTCGTTTTTC GAAAACAGGCCCCATATTGCATGACCAAACAGAG CTCATTGAACCAAACGAG CTCGTTGAACCAAACGGCCCCAATTGAACCAAACAGGCCCCATATGCATGC			
2772 GTCGGAGAGCCAGTGGTACGGCTT AAGCCGTACCACTGGCTCTCCGAC 2774 TATCCGCACGGTATAGCAGTTGCA TGCAACTGCTATACCGTGCGGATA 2775 CATCAGTCGGGCTACCTTCAGCCT AGGCTGAAGGTAGCCCGACTGATG 2776 CGGATTAATGCCTTTCCTCGGAAT ATTCCGAGGAAAGGCATTAATCCG 2777 TTCGTCGTGCCAAGCTAATGCAAG CTTGCATTAGCTTGGCACGACGAA 2779 GGCCGAGACCACCAGTAACAGGTT AACCTGTTACTGGTGGTCTCGGCC 2780 CGCGCGGAAGCATTGAAGTTACTA TAGTAACTTCAATGCTTCCGCGCG 2781 TCGGCTTACCGCTTCGTCTGACTT AAGTCAGACGAAGCGATAAGCCGA 2782 GACTGACGTCAAGGCAACACA GTGTTGCTTGACTTCCTTGACTTACATGCTTCCGCTCGCC 2783 AGAGGAAGGAGGGGCTGTGACAGA TCTGTCACAGCCCCTCCTTCCTCT 2784 TTCCAATGCGAGAGATGGCAGGCT AGCCTGCCATTCTCGCATTGGAA 2785 AAATGGGGTGCTTCGAATTATGTCG CGACATATTCGAAGCACCCCATTT 2786 GCTGTCGGATTATTGCACGCCTGT ACAGGCGTCAATAATCCGACAGC 2787 CCGACTTTGTTTATGTTGCTGGCG CGCCAGCAACAATAAACAAAGTCGG 2788 GCTGCGGATATAACCCGTCCCAGAA TTCTGGGAACGACCCCATTT 2788 GCTGCGGATATAACCCGTCCCAGAA TTCTGGGACGGTTAATCCGACAGC 2789 TGAGCTGGGCGTCAACTCCGAAGA TCTTCTGGAATTATCGCAGC 2789 TGAGCTGGGCGTCAACTCCGAAGA TCTTCGGATTGACGTCCAGCC 2790 CCCAAGCATCCTAAATCTCCCTCG CGAGGGAGATTTAGGATGCTTCGG 2791 CGACAGCAATCCAAATCCCACATGCATTCTT AAGAATGCATTGGATTGCTGGG 2792 TGAATGGTCGGGAAACCAATGCATTCTT AAGAATGCATTGCAT		AAGCGACAGCAGAGGTTCAGTCGC	
2774 TATCCGCACGGTATAGCAGTTGCA TGCAACTGCTATACCGTGCGGATA 2775 CATCAGTCGGGCTACCTTCAGCCT AGGCTGAAGGTAGCCCGACTGATG 2776 CGGATTAATGCCTTTCCTCGGAAT ATTCCGAGGAAAGGCATTAATCCG 2777 TTCGTCGTGCCAAGCTAATGCAAG CTTGCATTAGCTTGGCACGACGAA 2779 GGCCGAGACCACCAGTAACAGGTT AACCTGTTACTGGTGGTCTCGGCC 2780 CGCGCGGAAGCATTGAAGTTACTA TAGTAACTTCAATGCTTCCGCGCG 2781 TCGGCTTACCGCTTCGTCTGACTT AAGTCAGACGAAGCGGTAAGCCGA 2782 GACTGACGTCAAGGCAAGCAACAC GTGTTGCTTGACGTCAGTC 2783 AGAGGAAGGAGGAGCAACAC GTGTTGCTTGACGTCAGTC 2784 TTCCAATGCGAGAGAGCAGCAACAC GTGTTGCTTCCGCGCTCTTCCTCT 2784 TTCCAATGCGAGAGATGGCAGGCT AGCCTGCATCTCTCGCATTGGAA 2785 AAATGGGGTGCTTCGAATATGTCG CGACATATTCGAAGCACCCCATTT 2786 GCTGTCGGATTATTGCACGCCTGT ACAGGCGTCAAAAAACAAAGTCCG 2787 CCGACTTTGTTTATGTTGCTGGCG CGCCAGCAACATAAACAAAAGTCCG 2788 GCTGCGGATAAACCCGTCCCAGAA TTCTGGAGATTAATCCCACCC 2789 TGAGCTGGGCGTCAACTCCCAGAAA TCTTCGGAGTTAATCCCACCC 2790 CCCAAGCATCCAAAATCTCCCTCG CGAGGAGAATTAAGGATGCTTGGG 2791 CGACAGCAATCCACATGCATTCTT AAGAATGCATGTGGATTGCTGG 2792 TGAATGGTCGGGAAACCAATGCAT 2793 CTTTGCATCGAGAAACCAATGCAT ATGCATTGGATTGCTGCG 2794 TCCATTTCCTCCGCAAACTCTCAAGC 2795 CCACTACGCAATCCACATGCATTCTT AAGAATGCATGTGGATTGCTGCG 2796 TAGTAAGGCCGAAACCCAATGCAT 2797 GTCATGCAAACCCGTCCCAGAA TTCTCGGAGGATTAACGACACATTCA 2797 GTCATTCCTCCGCAAACTCTCAAGC 2798 ACCGGTAGACCCAATGCAT ATGCATTGGTTTCCCGACCATTCA 2797 GTCATGCAATCACAATGCAT 2797 GTCATGCAATGCAGCCTCCCAGCAACTTCAACGCCCCACTCTCAACGCCAATGCAATGCAT 2797 GTCATGCATATGCGCCGTCC GACAGCGCTACCTTACTA 2797 GTCATGCATATGGGGCCTGTTTTC GAAAACAGGCCCCAATTGCATGCATGCA 2798 ACCGGTAGACCTTAGCGGGTTCAA TTGAACCCGCTAACGTCTACCAGCTTACTA 2797 GTCATGCATATGGGGCCTGTTTTC GAAAACAGGCCCCAACGTTACACGTTACTACACGTTTACTACACGCTTACAACGGCCAACCTTACACGTTACACACCAACCTTACACGTTACACCACCACCTTACTACACGCTTACACGCTTACACCACCACCACCCTTCCAACGGTTACACCACACCACCACCACCTCCCACCACCACCCTCCCACCA	2771	GCGTGGACGATATCACCTGGGCGT	ACGCCCAGGTGATATCGTCCACGC
2775 CATCAGTCGGGCTACCTTCAGCCT AGGCTGAAGGTAGCCCGACTGATG 2776 CGGATTAATGCCTTTCCTCGGAAT ATTCCGAGGAAAGGCATTAATCCG 2777 TTCGTCGTGCCAAGCTAATGCAAG CTTGCATTAGCTTGGCACGACGAA 2779 GGCCGAGACCACCAGTAACAGGTT AACCTGTTACTGGTGGTCTCGGCC 2780 CGCGCGGAAGCATTGAAGTTACTA TAGTAACTTCAATGCTTCCGCGCG 2781 TCGGCTTACCGCTTCGTCTGACTT AAGTCAGCGAAGCGGTAAGCCGA 2782 GACTGACGTCAAGGCAAGCAACAC GTGTTGCTTGACGTCAGTC 2783 AGAGGAAGGAGGGGGTGTGACAGA TCTGTCACAGCCCTTCCTCTCT 2784 TTCCAATGCGAGAGATGGCAGGCT AGCCTGCATTCTCGCATTGGAA 2785 AAATGGGGTGCTTCGAATATGTCG CGACATATTCGAAGCACCCCATTT 2786 GCTGTCGGATTATTGCACGCCTGT ACAGGCGTCAAAAACACAAGCCCC 2787 CCGACTTTGTTTATGTTGCTGCCG CGCCAGCAACATAAACCAAAGTCCG 2788 GCTGCGGATTAAACCCGTCCCAGAA TCTTCGGAGTTAATACCAGC 2789 TGAGCTGGGCGTCAACTCCCAAGAA TCTTCGGAGATTATATCGCACC 2790 CCCAAGCATCCAAAATCTCCCTCG CGAGGAGATTAAGGATGCTTGGG 2791 CGACAGCAATCCACATGCATTCTT AAGAATGCATGTGGATTGCTTGCG 2792 TGAATGGTCGGGAAACCAATGCAT ATGCATTGGTTTCCCGACATTCA 2793 CTTTGCACAGAGAACCAATGCAT ATGCATTGGATTGCTTGCG 2794 TCCATTTCCTCCGCAAACTCTCAAGC 2795 CCACTACGCCAACCATTCATCCCTCG CGAGGAGATTTACGCACCATTCA 2796 TAGATGGTCGGGAAACCAATGCAT ATGCATTTGGTTTCCCGACCATTCA 2797 CTCATTTCCTCCGCAAACTCTCAAGC 2798 TCCATTTCCTCCGCAACCTCTCAGC 2799 TGCATGCCAATGCATCCTCAACCCGCCTCCATTCCATGCAAAG 2796 CACTACGCCAATCCACATGCATTCTT AAGAATGCATTGCGTTGCG	2772	GTCGGAGAGCCAGTGGTACGGCTT	AAGCCGTACCACTGGCTCTCCGAC
2776 CGGATTAATGCCTTTCCTCGGAAT ATTCCGAGGAAAGGCATTAATCCG 2777 TTCGTCGTCCCAAGCTAATGCAAG CTTGCATTAGCTTGGCACGACGAA 2779 GGCCGAGACCACCAGTAACAGGTT AACCTGTTACTGGTGGTCTCGGCC 2780 CGCGCGGAAGCATTGAAGTTACTA TAGTAACTTCAATGCTTCCGCGCG 2781 TCGGCTTACCGCTTCGTCTGACTT AAGTCAGACGAAGCCGAAGCCGAAGCCGTAAGCCGA 2782 GACTGACGTCAAGGCAAGCAACAC GTGTTGCTTGCCTTGACGTCAGTC 2783 AGAGGAAGGAGGGGCTGTGACAGA TCTGTCACAGCCCCTCCTTCCTCT 2784 TTCCAATGCGAGAGATGGCAGGCT AGCCTGCCATCTCTCGCATTGGAA 2785 AAATGGGGTGCTTCGAATATGTCG CGACATATTCGAAGCACCCCATTT 2786 GCTGTCGGATTATTGCACGCCTGT ACAGGCGTGCAATAATCCGACAGC 2787 CCGACTTTGTTTATGTTGCTGGCG CGCCAGCAACATAAACAAAGTCGG 2788 GCTGCGATATAACCCGTCCCAGAA TTCTGGGACGGGTTATATCGCAGC 2789 TGAGCTGGGCGTCAACTCCCAGAA TCTTCGGAGTTGACGCCCAGCTCA 2790 CCCAAGCATCCTAAATCTCCCTCG CGAGGGAGATTTAGGATGCTTGGG 2791 CGACAGCAATCCACATGCATTCTT AAGAATGCATGTGGATTGCTGCG 2792 TGAATGGTCGGGGAAACCAATGCAT ATGCATTGGATTGCTGCG 2793 CTTTGCATCGAGAACCAATGCAT ATGCATTGGTTTCCCGACCATTCA 2793 CTTTGCATCGAGAACCCAATGCAT ATGCATTGGTTTCCCGACCATTCA 2794 TCCATTTCCTCCGCAACTCTCAGG CCTGAGAGTTTCCCGACCATTCA 2795 CCACTACGCCATCCTGACAACGAG CTCGTTGTCGGAGGAGAAATGGA 2796 TAGTAAGGCCAATGCATCTCAGG CCTGAGAGTTGCGGAGGAAAATGGA 2797 TCCATTTCCTCCGCAACTCTCAGG CCTGAGAGTTGCGGAGGAAAATGGA 2798 TCCATTCCTCCGCAACTCTCAGG CCTGAGAGTTGCGGAGGAAAATGGA 2799 TCCATAGCCCATCCTGACAACGAG CTCGTTGTCAGGATGGCGTAGTGG 2790 GTCATGCATATGGGGCCTGTTTTC GAAAACAGGCCCCATTCATACTACATGACCATTCACATGCATTCACAACGAG CTCGTTGTCAGGAGGAGAAATGGA 2791 TGGTTCAAACGGCCATCTTCAGG CAAACAGGCCCCAATTGCATGCATGAC 2792 GTCATGCATATGGGGCCTGTTTTC GAAAACAGGCCCCATATGCATGAC 2793 GTCATGCATATGGGGCCTGTTTTC GAAAACAGGCCCCATATGCATGAC 2794 TCCATTTCCTCCGCAACTCTCAGG CTCGTTGTCAGGTTGCGCTTACTA 2797 GTCATGCATATGGGGGCTTGAA TTGACCCGCTAACGTCTACCGGT 2798 ACCGGTAGACGTTAGCGGGGTTCAA TTGACCCGCTTACCGGT 2799 TGGTTCAAACGGCACACGCTCC GAGCGCTAACGTCTACCGGT 2790 TTGGTTCAAACGGCAACGGCACGCCCCACACGTCTC GAGACGTTTGCACAACGCCCCTTGCAGGTTTGACCAACGCCCCCTTGCAGGTTTGAACCAACGGCCCCCTTGCAGGTTTGAACCAACGGCCCCCTTGCAGGTTTGAACCAACGCCCCTTGCAGGTTTGAACCAACGGCCACACGCGCCCCACACGCCCCTTGCCCCTTGCAGGTTTGACCAACGCCCCCTTGCAGGTTTG	2774	TATCCGCACGGTATAGCAGTTGCA	TGCAACTGCTATACCGTGCGGATA
2777 TTCGTCGTGCCAAGCTAATGCAAG CTTGCATTAGCTTGGCACGACGAA 2779 GGCCGAGACCACCAGTAACAGGTT AACCTGTTACTGGTGGTCTCGGCC 2780 CGCGCGGAAGCATTGAAGTTACTA TAGTAACTTCAATGCTTCCGCGCG 2781 TCGGCTTACCGCTTCGTCTGACTT AAGTCAGCAGAAGCCGAAGCCGAAGCCGTAAGCCGA 2782 GACTGACGTCAAGGCAAGCAACAC GTGTTGCTTGCCTTGACGTCAGTC 2783 AGAGGAAGGAGGAGCAGCAACAC GTGTTGCTTGCCTTCCTCT 2784 TTCCAATGCGAGAGATGGCAGGCT AGCCTGCCATCTCTCGCATTGGAA 2785 AAATGGGGTGCTTCGAATATGTCG CGACATATTCGAAGCACCCCCATTT 2786 GCTGTCGGATTATTGCACGCCTGT ACAGGCCGTGCAATAATCCGACAGC 2787 CCGACTTTGTTTATGTTGCTGGCG CGCCAGCAACATAAACAAAGTCGG 2788 GCTGCGATATAACCCGTCCCAGAA TTCTGGGACGGGTTATATCGCAGC 2789 TGAGCTGGGCGTCAACTCCCAGAA TCTTCGGAGTTGACGCCCAGCTCA 2790 CCCAAGCATCCTAAATCTCCCTCG CGAGGAGATTTAGCATGCTTCGG 2791 CGACAGCAATCCACATGCATTCTT AAGAATGCATGTGGATTGCTTGCG 2792 TGAATGGTCGGGAAACCAATGCAT ATGCATTGGTTTCCCGACCATTCA 2793 CTTTGCATCAGAATCACATGCAT ATGCATTGGTTTCCCGACCATTCA 2794 TCCATTTCCTCCGCAACTCTCAGG CCTGAGAGTTTCCGGAGGAACATCAAAG 2795 CCACTACGCCATCTCAGG CCTGAGAGTTTCCGGAGGAAACGAACGACCATCCAAAG 2796 TAGTAAGGCCAACTCTCAGG CCTGAGAGTTGCGGAGGAAATGGA 2797 GTCATTCCTCCCGCAACTCTCAGG CCTGAGAGTTGCGGAGGAAATGGA 2798 ACCGTAGCATTAGCGCCGTCC GGACGGCGTACATTGGCCTTACTA 2797 GTCATGCATATGGGGCCTGTTTTC GAAAACAGGCCCCATTCATACACAGCCCTTACTA 2798 ACCGGTAGACGTTAGCGGGTTCAA TTGAACCCGCTAACGTCTACTACACGGT 2799 TTGGTTCAAACGGCCACACGTCTC GAGACGTTGGCCGTTTGAACCAACGGC 2799 TTGGTTCAAACGGCCACACGTCTC GAGACGTTGCAGGTTTGAACCAA 2800 GACACAAACTGCAAGGGAGGCATG CATGCCTCCCTTGCAGTTTTGTGTC 2801 CTCGAGCGCTGTCATCATATCGGC GCCGATATGAACGACCACCACGTCCCGATCTCCAGGTTTGAACCAA	2775	CATCAGTCGGGCTACCTTCAGCCT	AGGCTGAAGGTAGCCCGACTGATG
2779 GGCCGAGACCACCAGTAACAGGTT AACCTGTTACTGGTGGTCTCGGCC 2780 CGCGCGGAAGCATTGAAGTTACTA TAGTAACTTCAATGCTTCCGCGCG 2781 TCGGCTTACCGCTTCGTCTGACTT AAGTCAAGCAAGCGGTAAGCCGA 2782 GACTGACGTCAAGGCAAGCAACAC GTGTTGCTTGCCTTCGCTCT 2783 AGAGGAAGGAGGGGGCTGTGACAGA TCTGTCACAGCCCCTCCTTCCTCT 2784 TTCCAATGCGAGAAGGCAAGCACAC AGCCCCTCCTTCCTCT 2785 AAATGGGGTGCTTCGAATATGTCG CGACCATCTCTCGCATTGGAA 2785 AAATGGGGTGCTTCGAATATGTCG CGACCATCTCCAATTCCAAGCCCCCATTT 2786 GCTGTCGGATTATTGCACGCCTGT ACAGGCGTGCAATAATCCGACAGC 2787 CCGACTTTGTTTATGTTGCTGGCG CGCCAGCAACATAAACAAAGTCGG 2788 GCTGCGATATAACCCGTCCCAGAA TTCTGGGACGGGTTAATACCGACC 2789 TGAGCTGGGCGTCAACTCCGAAGA TCTTCGGAGTTGACGCCCAGCTCA 2790 CCCAAGCATCCTAAATCTCCCTCG CGAGGAGATTTAGGATGCTTGGG 2791 CGACAGCAATCCACATGCATTCTT AAGAATGCATGGGATTGCTGTCG 2792 TGAATGGTCGGGAAACCAATGCAT ATGCATTGTTCCAACACAGC 2793 CTTTGCATCAGAGATCCTCAAGC CCTGACACTTCAATGCTCCGACCATTCA 2794 TCCATTTCCTCCGCAACTCCTCAGG CCTGAGAGTTGCGGAGAGAATCAACAAGTCGA 2795 CCACTACGCCATCCTCAGAC CCTGAGAGTTGCGGAGGAAATCAACAAGTCGA 2796 TAGTAAGGCCAACTCTCAGG CCTGAGAGTTGCGGAGAAACCAATGCA 2797 GTCATGCATCAGCACCTCC GGACGCGTACATTGCGTAGCA 2798 ACCGGTAGAACTATACGCCGTCC GGACGCGTACATTGCATGAC 2799 TAGTAAGGCCAATGACGAGTCCCGGTCC GGACGCGTACATTGCATGAC 2799 TTGGTTCAAACGGCCTCCC GGACGCGTACATTGCATGAC 2799 TTGGTTCAAACCGCGTCC GGACGCGTACATTGCATGAC 2799 TTGGTTCAAACCGCCTCC GAAACCGCCCCTTTTCACAACCAA 2800 GACACAAACTGCAAGGAGCCTCC GAGACTGTGCAGTTTGTGTC 2801 CTCGAGCGCTGTCATCATATCGGC GCCGATATGATGACCAACAACCAACCAACCAACGAGCCCCCTTTTGACCCAACCAA	2776	CGGATTAATGCCTTTCCTCGGAAT	ATTCCGAGGAAAGGCATTAATCCG
2780 CGCGCGGAAGCATTGAAGTTACTA TAGTAACTTCAATGCTTCCGCGCG 2781 TCGGCTTACCGCTTCGTCTGACTT AAGTCAGACGAAGCGGTAAGCCGA 2782 GACTGACGTCAAGGCAAGCAACAC GTGTTGCTTGCCTTGACGTCAGTC 2783 AGAGGAAGGAGGGGGCTGTGACAGA TCTGTCACAGCCCCTCCTTCCTCT 2784 TTCCAATGCGAGAGATGGCAGGCT AGCCTGCCATCTCGCATTGGAA 2785 AAATGGGGTGCTTCGAATATGTCG CGACATATTCGAAGCACCCCATTT 2786 GCTGTCGGATTATTGCACGCCTGT ACAGGCGTGCAATAATCCGACAGC 2787 CCGACTTTGTTTATGTTGCTGGCG CGCCAGCAACATAAACAAAGTCGG 2788 GCTGCGGATATAACCCGTCCCAGAA TTCTGGGACGGCTTAATCGCAGC 2789 TGAGCTGGGCGTCAACTCCGAAGA TCTTCGGAGTTGACGCCCAGCTCA 2790 CCCAAGCATCCTAAATCTCCCTCG CGAGGGAGATTTAGGATGCTTGGG 2791 CGACAGCAATCCACATGCATTCTT AAGAATGCATGTGATTGCTGCG 2792 TGAATGGTCGGGAAACCAATGCAT ATGCATTGCTTCCACCATTCA 2793 CTTTGCATCGAGAATCGAGTAGC GCTACCCCGATTCACATGCATCCACATGCATTCACATGCATTCCCTCG CTGAGAGTTGCGAGAAACAAAGCAAGCATCAATGCATTCTCCGCACCATTCACATTCCCCCGACCATTCCAATCCCCCAGACCATCCAAAGCACCATTCACATTCCCCGACCATTCACATTCCCCCGACCATTCACATTCCCCCCACCATTCACATTCCCCCCACCA	2777	TTCGTCGTGCCAAGCTAATGCAAG	CTTGCATTAGCTTGGCACGACGAA
2781 TCGGCTTACCGCTTCGTCTGACTT AAGTCAGACGAAGCGGTAAGCCGA 2782 GACTGACGTCAAGGCAAGCAACAC GTGTTGCTTGCCTTGACGTCAGTC 2783 AGAGGAAGGAGGGGCTGTGACAGA TCTGTCACAGCCCCTCCTTCCTCT 2784 TTCCAATGCGAGAGATGGCAGGCT AGCCTGCCATCTCTCGCATTGGAA 2785 AAATGGGGTGCTTCGAATATGTCG CGACATATTCGAAGCACCCCATTT 2786 GCTGTCGGATTATTGCACGCCTGT ACAGGCGTGCAATAATCCGACAGC 2787 CCGACTTTGTTTATGTTGCTGGCG CGCCAGCAACATAAACAAAGTCGG 2788 GCTGCGGATATAACCCGTCCCAGAA TTCTGGGACGGGTTAATCGCAGC 2789 TGAGCTGGGCGTCAACTCCGAAGA TCTTCGGAGTTGACGCCCAGCTCA 2790 CCCAAGCATCCTAAATCTCCCTCG CGAGGGAGATTTAGGATGCTTGGG 2791 CGACAGCAATCCACATGCATTCTT AAGAATGCATGTGGATTGCTGTCG 2792 TGAATGGTCGGGAAACCAATGCAT ATGCATTGTTCCCGACCATTCA 2793 CTTTGCATCGAGAATGCAGCGTAGC GCTACCCCGCATCTCGATGCAAAG 2794 TCCATTTCCTCCGCAACTCTCAGG CCTGAGAGTTGCGGAGGAAATGGA 2795 CCACTACGCCATCCTGACAACGAG CTCGTTGTCAGGATGGCGTAGTGG 2796 TAGTAAGGCCAATGTACGCCGTCC GGACGGCGTACATTGCATGAC 2797 GTCATGCATTAGCGCCGTCC GGACAGCCCCATTCATACTACACACGAG CTCGTTGTCAGGATGGCGTAGTGG 2799 TTGGTTCAAACCGGCCTTCAA TTGAACCCGCTAACGTCTACCAACGAG 2799 TTGGTTCAAACGGCCCACACGTCTC GAAAACAGGCCCCATTTGAACCAA 2800 GACACAAACTGCAAGGGAGGCATG CATGCCTCCCTTGCAGTTTGTGTC 2801 CTCGAGCGCTGTCATCATATCCGC GCCGATATGATGACACGAG CTCGAGCGCTTTTTTAACCAACGAGCATTTGAACCAA 2800 GACACAAACTGCAAGGGAGGCATG CATGCCTCCCTTTGCAGTTTGTGTC	2779	GGCCGAGACCACCAGTAACAGGTT	AACCTGTTACTGGTGGTCTCGGCC
2782 GACTGACGTCAAGGCAAGCAACAC GTGTTGCTTGACGTCAGTC 2783 AGAGGAAGGAGGGGCTGTGACAGA TCTGTCACAGCCCCTCCTTCCTCT 2784 TTCCAATGCGAGAGATGGCAGGCT AGCCTGCCATCTCTCGCATTGGAA 2785 AAATGGGGTGCTTCGAATATGTCG CGACATATTCGAAGCACCCCATTT 2786 GCTGTCGGATTATTGCACGCCTGT ACAGGCGTGCAATAATCCGACAGC 2787 CCGACTTTGTTTATGTTGCTGGCG CGCCAGCAACATAAACCAAGTCGG 2788 GCTGCGATATAACCCGTCCCAGAA TCTTGGGACGGCTTAATCGCAGC 2789 TGAGCTGGGCGTCAACTCCGAAGA TCTTCGGAGTTGACGCCCAGCTCA 2790 CCCAAGCATCCTAAATCTCCCTCG CGAGGGAGATTTAGGATGCTTGGG 2791 CGACAGCAATCCACATGCATTCTT AAGAATGCATGTGGATTGCTGTCG 2792 TGAATGGTCGGGAAACCAATGCAT ATGCATTGGTTTCCCGACCATTCA 2793 CTTTGCATCGAGATGCGGGGTAGC GCTACCCCGCATCTCGATGCAAAG 2794 TCCATTTCCTCCCGCAACTCTCAGG CCTGAGAGTTGCGGAGGAAATGGA 2795 CCACTACGCCATCCTGACAACGAG CTCGTTGTCAGGATGGCGTAGTGG 2796 TAGTAAGGCCAATGTACGCCGTCC GGACGGCGTACATTGGCTTACTA 2797 GTCATGCATATGGGGCCTGTTTTC GAAAACAGGCCCCATATGCATGAC 2798 ACCGGTAGACGTTAGCGGGGTTCAA TTGAACCCGCTAACGTCTACCAGC 2799 TTGGTTCAAACGGCGCTCC GAACACGGCCCCATTTCACTAGCCGTTCACTAGCCGTTCACACGGCGTTCACGTTTTCACACCAACGGCCCCATATGCATGACCAACGGCCCCATATGCATGACCAACGGCGCTTCAACGTCTACCGGT 2799 TTGGTTCAAACGGCCACACGTCT GAGACGTTGGCCGTTTTGAACCAA 2800 GACACAAACTGCAAGGGAGGCATG CATGCCTCCTTGCAGTTTTGTGTC 2801 CTCGAGCGCTGTCATCATATCGGC GCCGATATGACAGCGCCTCGAG	2780	CGCGCGGAAGCATTGAAGTTACTA	TAGTAACTTCAATGCTTCCGCGCG
2783 AGAGGAAGGAGGGGCTGTGACAGA TCTGTCACAGCCCCTCCTTCCTCT 2784 TTCCAATGCGAGAGATGGCAGGCT AGCCTGCCATCTCTCGCATTGGAA 2785 AAATGGGGTGCTTCGAATATGTCG CGACATATTCGAAGCACCCCATTT 2786 GCTGTCGGATTATTGCACGCCTGT ACAGGCGTGCAATAATCCGACAGC 2787 CCGACTTTGTTTATGTTGCTGGCG CGCCAGCAACATAAACAAAGTCGG 2788 GCTGCGATATAACCCGTCCCAGAA TTCTGGGACGGGTTATATCGCAGC 2789 TGAGCTGGGCGTCAACTCCGAAGA TCTTCGGAGTTGACGCCCAGCTCA 2790 CCCAAGCATCCTAAATCTCCCTCG CGAGGAGATTTAGGATGCTTGGG 2791 CGACAGCAATCCACATGCATTCTT AAGAATGCATGTGGATTGCTGTCG 2792 TGAATGGTCGGGAAACCAATGCAT ATGCATTGGTTTCCCGACCATTCA 2793 CTTTGCATCGAGATGCGGGGTAGC GCTACCCCGCATCTCGATGCAAAG 2794 TCCATTTCCTCCGCAACTCTCAGG CCTGAGAGTTGCGGAGGAAATGGA 2795 CCACTACGCCATCCTGACAACGAG CTCGTTGTCAGGATGGCGTAGTGG 2796 TAGTAAGGCCAATGTACGCCGTCC GGACGGCGTACATTGGCCTTACTA 2797 GTCATGCATTAGGGGCCTGTTTTC GAAAACAGGCCCCATATGCATGAC 2798 ACCGGTAGACGTTAGCGGGGTTCAA TTGAACCCGCTAACGTCTACCAGC 2799 TTGGTTCAAACGGCCACACGTCTC GAGACGTTGGCCGTTTTCACAGCCGTTACCAGCCATCTACCAGCCATCTACCAGCCATCTACCAGCCCATCTCAGCCAACCAA	2781	TCGGCTTACCGCTTCGTCTGACTT	AAGTCAGACGAAGCGGTAAGCCGA
2784 TTCCAATGCGAGAGATGGCAGGCT AGCCTGCCATCTCTCGCATTGGAA 2785 AAATGGGGTGCTTCGAATATGTCG CGACATATTCGAAGCACCCCATTT 2786 GCTGTCGGATTATTGCACGCCTGT ACAGGCGTGCAATAATCCGACAGC 2787 CCGACTTTGTTTATGTTGCTGGCG CGCCAGCAACATAAACAAAGTCGG 2788 GCTGCGATATAACCCGTCCCAGAA TTCTGGGACGGGTTATATCGCAGC 2789 TGAGCTGGGCGTCAACTCCGAAGA TCTTCGGAGTTGACGCCCAGCTCA 2790 CCCAAGCATCCTAAATCTCCCTCG CGAGGAGATTTAGGATGCTTGGG 2791 CGACAGCAATCCACATGCATTCTT AAGAATGCATGTGGATTGCTGTCG 2792 TGAATGGTCGGGAAACCAATGCAT ATGCATTGGTTTCCCGACCATTCA 2793 CTTTGCATCGAGATGCGGGGTAGC GCTACCCCGCATCTCGATGCAAAG 2794 TCCATTTCCTCCGCAACTCTCAGG CCTGAGAGTTGCGGAGGAAATGGA 2795 CCACTACGCCATCCTGACAACGAG CTCGTTGTCAGGATGCGTAGTGG 2796 TAGTAAGGCCAATGTACCCGTCC GGACGCGTACATTGCATGAC 2797 GTCATGCATATGGGGCCTGTTTTC GAAAACAGGCCCCATATGCATGAC 2798 ACCGGTAGACGTTAGCGGGTTCAA TTGAACCCGCTAACGTCTACCGGT 2799 TTGGTTCAAACGGCCACACGTCTC GAGACGTTTGAACCAA 2800 GACACAAACTGCAAGGGAGGCATG CATGCCTCCGTGGAGCTTTGTTC 2801 CTCGAGCGCTGTCATCATATCGGC GCCGATATGACAGCGCTCCGAG	2782	GACTGACGTCAAGGCAAGCACAC	GTGTTGCTTGCCTTGACGTCAGTC
2785 AAATGGGGTGCTTCGAATATGTCG CGACATATTCGAAGCACCCCATTT 2786 GCTGTCGGATTATTGCACGCCTGT ACAGGCGTGCAATAATCCGACAGC 2787 CCGACTTTGTTTATGTTGCTGGCG CGCCAGCAACATAAACAAAGTCGG 2788 GCTGCGATATAACCCGTCCCAGAA TTCTGGGACGGGTTATATCGCAGC 2789 TGAGCTGGGCGTCAACTCCGAAGA TCTTCGGAGTTGACGCCCAGCTCA 2790 CCCAAGCATCCTAAATCTCCCTCG CGAGGGAGATTTAGGATGCTTGGG 2791 CGACAGCAATCCACATGCATTCTT AAGAATGCATGTGGATTGCTGTCG 2792 TGAATGGTCGGGAAACCAATGCAT ATGCATTGGTTTCCCGACCATTCA 2793 CTTTGCATCGAGATGCGGGGTAGC GCTACCCCGCATCTCGATGCAAAG 2794 TCCATTTCCTCCGCAACTCTCAGG CCTGAGAGTTGCGGAGGAAATGGA 2795 CCACTACGCCATCCTGACAACGAG CTCGTTGTCAGGATGGCGTAGTGG 2796 TAGTAAGGCCAATGTACGCCGTCC GGACGGCGTACATTGACTACATA 2797 GTCATGCATTAGGGGCCTGTTTTC GAAAACAGGCCCCATATGCATGAC 2798 ACCGGTAGACGTTAGCGGGGTTCAA TTGAACCCGCTAACGTCTACCGGT 2799 TTGGTTCAAACGGCCACACGTCTC GAGACGTGTGGCCGTTTTGAACCAA 2800 GACACAAACTGCAAGGGAGGCATG CATGCCTCCTTGCAGTTTTGTGTC 2801 CTCGAGCGCTGTCATCATATCGGC GCCGATATGACAGCGCTCCGAG	2783	AGAGGAAGGAGGGCTGTGACAGA	TCTGTCACAGCCCCTCCTTCCTCT
2786 GCTGTCGGATTATTGCACGCCTGT ACAGGCGTGCAATAATCCGACAGC 2787 CCGACTTTGTTTATGTTGCTGGCG CGCCAGCAACATAAACAAAGTCGG 2788 GCTGCGATATAACCCGTCCCAGAA TTCTGGGACGGGTTATATCGCAGC 2789 TGAGCTGGGCGTCAACTCCGAAGA TCTTCGGAGTTGACGCCCAGCTCA 2790 CCCAAGCATCCTAAATCTCCCTCG CGAGGGAGATTTAGGATGCTTGGG 2791 CGACAGCAATCCACATGCATTCTT AAGAATGCATGTGGATTGCTGTCG 2792 TGAATGGTCGGGAAACCAATGCAT ATGCATTGGTTTCCCGACCATTCA 2793 CTTTGCATCGAGATGCGGGGTAGC GCTACCCCGCATCTCGATGCAAAG 2794 TCCATTTCCTCCGCAACTCTCAGG CCTGAGAGTTGCGGAGGAAATGGA 2795 CCACTACGCCATCCTGACAACGAG CTCGTTGTCAGGATGGCGTAGTGG 2796 TAGTAAGGCCAATGTACGCCGTCC GGACGCGTACATTGGCCTTACTA 2797 GTCATGCATATGGGGCCTGTTTTC GAAAACAGGCCCCATATGCATGAC 2798 ACCGGTAGACGTTAGCGGGGTTCAA TTGAACCCGCTAACGTCTACCGGT 2799 TTGGTTCAAACGGCCACACGTCTC GAGACGTGTGGCCGTTTTGAACCAA 2800 GACACAAACTGCAAGGGAGGCATG CATGCCTCCGAG	2784	TTCCAATGCGAGAGATGGCAGGCT	AGCCTGCCATCTCTCGCATTGGAA
2787 CCGACTTTGTTTATGTTGCTGGCG CGCCAGCAACATAAACAAAGTCGG 2788 GCTGCGATATAACCCGTCCCAGAA TTCTGGGACGGGTTATATCGCAGC 2789 TGAGCTGGGCGTCAACTCCGAAGA TCTTCGGAGTTGACGCCCAGCTCA 2790 CCCAAGCATCCTAAATCTCCCTCG CGAGGAGATTTAGGATGCTTGGG 2791 CGACAGCAATCCACATGCATTCTT AAGAATGCATGTGGATTGCTGTCG 2792 TGAATGGTCGGGAAACCAATGCAT ATGCATTGGTTTCCCGACCATTCA 2793 CTTTGCATCGAGATGCGGGGTAGC GCTACCCCGCATCTCGATGCAAAG 2794 TCCATTTCCTCCGCAACTCTCAGG CCTGAGAGTTGCGGAGGAAATGGA 2795 CCACTACGCCATCCTGACAACGAG CTCGTTGTCAGGATGGCGTAGTGG 2796 TAGTAAGGCCAATGTACGCCGTCC GGACGGCGTACATTGGCCTTACTA 2797 GTCATGCATATGGGGCCTGTTTTC GAAAACAGGCCCCATATGCATGAC 2798 ACCGGTAGACGTTAGCGGGTTCAA TTGAACCCGCTAACGTCTACCGGT 2799 TTGGTTCAAACGGCCACACGTCTC GAGACGTGTGGCCGTTTGAACCAA 2800 GACACAAACTGCAAGGGAGGCATG CATGCCTCCCTTGCAGTTTGTGTC 2801 CTCGAGCGCTGTCATCATATCGGC GCCGATATGATGACGGCTCGAG	2785	AAATGGGGTGCTTCGAATATGTCG	CGACATATTCGAAGCACCCCATTT
2788 GCTGCGATATAACCCGTCCCAGAA TTCTGGGACGGGTTATATCGCAGC 2789 TGAGCTGGGCGTCAACTCCGAAGA TCTTCGGAGTTGACGCCCAGCTCA 2790 CCCAAGCATCCTAAATCTCCCTCG CGAGGGAGATTTAGGATGCTTGGG 2791 CGACAGCAATCCACATGCATTCTT AAGAATGCATGTGGATTGCTGTCG 2792 TGAATGGTCGGGAAACCAATGCAT ATGCATTGGTTTCCCGACCATTCA 2793 CTTTGCATCGAGATGCGGGGTAGC GCTACCCCGCATCTCGATGCAAAG 2794 TCCATTTCCTCCGCAACTCTCAGG CCTGAGAGTTGCGGAGGAAATGGA 2795 CCACTACGCCATCCTGACAACGAG CTCGTTGTCAGGATGGCGTAGTGG 2796 TAGTAAGGCCAATGTACGCCGTCC GGACGGCGTACATTGACCTTACTA 2797 GTCATGCATATGGGGCCTGTTTTC GAAAACAGGCCCCATATGCATGAC 2798 ACCGGTAGACGTTAGCGGGTTCAA TTGAACCCGCTAACGTCTACCGGT 2799 TTGGTTCAAACGGCCACACGTCTC GAGACGTGGCCGTTTTGAACCAA 2800 GACACAAACTGCAAGGGAGGCATG CATGCCTCCCTTGCAGTTTGTGTC 2801 CTCGAGCGCTGTCATCATATCGGC GCCGATATGATGACGACGCCTCGAG	2786	GCTGTCGGATTATTGCACGCCTGT	ACAGGCGTGCAATAATCCGACAGC
TGAGCTGGGCGTCAACTCCGAAGA TCTTCGGAGTTGACGCCCAGCTCA 2790 CCCAAGCATCCTAAATCTCCCTCG CGAGGGAGATTTAGGATGCTTGGG 2791 CGACAGCAATCCACATGCATTCTT AAGAATGCATGTGGATTGCTGTCG 2792 TGAATGGTCGGGAAACCAATGCAT ATGCATTGGTTTCCCGACCATTCA 2793 CTTTGCATCGAGATGCGGGGTAGC GCTACCCCGCATCTCGATGCAAAG 2794 TCCATTTCCTCCGCAACTCTCAGG CCTGAGAGTTGCGGAGGAAATGGA 2795 CCACTACGCCATCCTGACAACGAG CTCGTTGTCAGGATGGCGTAGTGG 2796 TAGTAAGGCCAATGTACGCCGTCC GGACGGCGTACATTGGCCTTACTA 2797 GTCATGCATATGGGGCCTGTTTTC GAAAACAGGCCCCATATGCATGAC 2798 ACCGGTAGACGTTAGCGGGTTCAA TTGAACCCGCTAACGTCTACCGGT 2799 TTGGTTCAAACGGCCACACGTCTC GAGACGTGTGGCCGTTTGAACCAA 2800 GACACAAACTGCAAGGGAGGCATG CATGCCTCCCTTGCAGTTTGTGTC 2801 CTCGAGCGCTGTCATCATATCGGC GCCGATATGATGACAGCGCTCGAG	2787	CCGACTTTGTTTATGTTGCTGGCG	CGCCAGCAACATAAACAAAGTCGG
2790 CCCAAGCATCCTAAATCTCCCTCG CGAGGGAGATTTAGGATGCTTGGG 2791 CGACAGCAATCCACATGCATTCTT AAGAATGCATGTGGATTGCTGTCG 2792 TGAATGGTCGGGAAACCAATGCAT ATGCATTGGTTTCCCGACCATTCA 2793 CTTTGCATCGAGATGCGGGGTAGC GCTACCCCGCATCTCGATGCAAAG 2794 TCCATTTCCTCCGCAACTCTCAGG CCTGAGAGTTGCGGAGGAAATGGA 2795 CCACTACGCCATCCTGACAACGAG CTCGTTGTCAGGATGGCGTAGTGG 2796 TAGTAAGGCCAATGTACGCCGTCC GGACGGCGTACATTGGCCTTACTA 2797 GTCATGCATATGGGGCCTGTTTTC GAAAACAGGCCCCATATGCATGAC 2798 ACCGGTAGACGTTAGCGGGTTCAA TTGAACCCGCTAACGTCTACCGGT 2799 TTGGTTCAAACGGCCACACGTCTC GAGACGTGTGGCCGTTTTGAACCAA 2800 GACACAAACTGCAAGGGAGGCATG CATGCCTCCCTTGCAGTTTGTGTC 2801 CTCGAGCGCTGTCATCATATCGGC GCCGATATGACAGCGCTCGAG	2788	GCTGCGATATAACCCGTCCCAGAA	TTCTGGGACGGGTTATATCGCAGC
2791 CGACAGCAATCCACATGCATTCTT AAGAATGCATGTGGATTGCTGTCG 2792 TGAATGGTCGGGAAACCAATGCAT ATGCATTGGTTTCCCGACCATTCA 2793 CTTTGCATCGAGATGCGGGGTAGC GCTACCCCGCATCTCGATGCAAAG 2794 TCCATTTCCTCCGCAACTCTCAGG CCTGAGAGTTGCGGAGGAAATGGA 2795 CCACTACGCCATCCTGACAACGAG CTCGTTGTCAGGATGGCGTAGTGG 2796 TAGTAAGGCCAATGTACGCCGTCC GGACGGCGTACATTGGCCTTACTA 2797 GTCATGCATATGGGGCCTGTTTTC GAAAACAGGCCCCATATGCATGAC 2798 ACCGGTAGACGTTAGCGGGTTCAA TTGAACCCGCTAACGTCTACCGGT 2799 TTGGTTCAAACGGCCACACGTCTC GAGACGTGTGGCCGTTTGAACCAA 2800 GACACAAACTGCAAGGGAGGCATG CATGCCTCCCTTGCAGTTTGTGTC 2801 CTCGAGCGCTGTCATCATATCGGC GCCGATATGATGACAGCGCTCGAG	2789	TGAGCTGGGCGTCAACTCCGAAGA	TCTTCGGAGTTGACGCCCAGCTCA
TGAATGGTCGGGAAACCAATGCAT TGAATGGTCGGGAAACCAATGCAT TCSSTTCCCCGCATCTCGATGCAAAG TCCATTTCCTCCGCAACTCTCAGG TCCATTTCCTCCGCAACTCTCAGG TCCATTGCATCGGAGATGCGGGGTAGC TCCATTCCTCCGCAACTCTCAGG CTCGTTGTCAGGATGCGGAGAATGGA CTCGTTGTCAGGATGGCGTAGTGG TAGTAAGGCCAATGTACGCCGTCC GGACGGCGTACATTGGCCTTACTA TGAACCCGCTAACGTCTACCGGT TGAACCCGCTAACGTCTACCGGT TTGAACCCGCTAACGTCTACCGGT TTGAACCCGCTAACGTCTACCAACGAG TTGAACCCGCTAACGTCTACCAACGACCAACGACCAACGACCAACCA	2790	CCCAAGCATCCTAAATCTCCCTCG	CGAGGGAGATTTAGGATGCTTGGG
2793 CTTTGCATCGAGATGCGGGGTAGC GCTACCCCGCATCTCGATGCAAAG 2794 TCCATTTCCTCCGCAACTCTCAGG CCTGAGAGTTGCGGAGGAAATGGA 2795 CCACTACGCCATCCTGACAACGAG CTCGTTGTCAGGATGGCGTAGTGG 2796 TAGTAAGGCCAATGTACGCCGTCC GGACGGCGTACATTGGCCTTACTA 2797 GTCATGCATATGGGGCCTGTTTTC GAAAACAGGCCCCATATGCATGAC 2798 ACCGGTAGACGTTAGCGGGTTCAA TTGAACCCGCTAACGTCTACCGGT 2799 TTGGTTCAAACGGCCACACGTCTC GAGACGTGTGGCCGTTTGAACCAA 2800 GACACAAACTGCAAGGGAGGCATG CATGCCTCCCTTGCAGTTTGTGTC 2801 CTCGAGCGCTGTCATCATATCGGC GCCGATATGATGACAGCGCTCGAG	2791	CGACAGCAATCCACATGCATTCTT	AAGAATGCATGTGGATTGCTGTCG
2794 TCCATTTCCTCCGCAACTCTCAGG CCTGAGAGTTGCGGAGGAAATGGA 2795 CCACTACGCCATCCTGACAACGAG CTCGTTGTCAGGATGGCGTAGTGG 2796 TAGTAAGGCCAATGTACGCCGTCC GGACGGCGTACATTGGCCTTACTA 2797 GTCATGCATATGGGGCCTGTTTTC GAAAACAGGCCCCATATGCATGAC 2798 ACCGGTAGACGTTAGCGGGTTCAA TTGAACCCGCTAACGTCTACCGGT 2799 TTGGTTCAAACGGCCACACGTCTC GAGACGTGTGGCCGTTTGAACCAA 2800 GACACAAACTGCAAGGGAGGCATG CATGCCTCCCTTGCAGTTTGTGTC 2801 CTCGAGCGCTGTCATCATATCGGC GCCGATATGATGACAGCGCTCGAG	2792	TGAATGGTCGGGAAACCAATGCAT	ATGCATTGGTTTCCCGACCATTCA
2795 CCACTACGCCATCCTGACAACGAG CTCGTTGTCAGGATGGCGTAGTGG 2796 TAGTAAGGCCAATGTACGCCGTCC GGACGGCGTACATTGGCCTTACTA 2797 GTCATGCATATGGGGCCTGTTTTC GAAAACAGGCCCCATATGCATGAC 2798 ACCGGTAGACGTTAGCGGGTTCAA TTGAACCCGCTAACGTCTACCGGT 2799 TTGGTTCAAACGGCCACACGTCTC GAGACGTGTGGCCGTTTGAACCAA 2800 GACACAAACTGCAAGGGAGGCATG CATGCCTCCCTTGCAGTTTGTGTC 2801 CTCGAGCGCTGTCATCATATCGGC GCCGATATGATGACAGCGCTCGAG	2793	CTTTGCATCGAGATGCGGGGTAGC	GCTACCCGCATCTCGATGCAAAG
2796 TAGTAAGGCCAATGTACGCCGTCC GGACGCGTACATTGGCCTTACTA 2797 GTCATGCATATGGGGCCTGTTTTC GAAAACAGGCCCCATATGCATGAC 2798 ACCGGTAGACGTTAGCGGGTTCAA TTGAACCCGCTAACGTCTACCGGT 2799 TTGGTTCAAACGGCCACACGTCTC GAGACGTGTGGCCGTTTGAACCAA 2800 GACACAAACTGCAAGGGAGGCATG CATGCCTCCCTTGCAGTTTGTGTC 2801 CTCGAGCGCTGTCATCATATCGGC GCCGATATGATGACAGCGCTCGAG	2794	TCCATTTCCTCCGCAACTCTCAGG	CCTGAGAGTTGCGGAGGAAATGGA
2797 GTCATGCATATGGGGCCTGTTTTC GAAAACAGGCCCCATATGCATGAC 2798 ACCGGTAGACGTTAGCGGGTTCAA TTGAACCCGCTAACGTCTACCGGT 2799 TTGGTTCAAACGGCCACACGTCTC GAGACGTGTGGCCGTTTGAACCAA 2800 GACACAAACTGCAAGGGAGGCATG CATGCCTCCCTTGCAGTTTGTGTC 2801 CTCGAGCGCTGTCATCATATCGGC GCCGATATGATGACAGCGCTCGAG	2795	CCACTACGCCATCCTGACAACGAG	CTCGTTGTCAGGATGGCGTAGTGG
2798 ACCGGTAGACGTTAGCGGGTTCAA TTGAACCCGCTAACGTCTACCGGT 2799 TTGGTTCAAACGGCCACACGTCTC GAGACGTGTGGCCGTTTGAACCAA 2800 GACACAAACTGCAAGGGAGGCATG CATGCCTCCCTTGCAGTTTGTGTC 2801 CTCGAGCGCTGTCATCATATCGGC GCCGATATGATGACAGCGCTCGAG	2796	TAGTAAGGCCAATGTACGCCGTCC	GGACGCCTACATTGCCCTTACTA
2799 TTGGTTCAAACGGCCACACGTCTC GAGACGTGTGGCCGTTTGAACCAA 2800 GACACAAACTGCAAGGGAGGCATG CATGCCTCCCTTGCAGTTTGTGTC 2801 CTCGAGCGCTGTCATCATATCGGC GCCGATATGATGACAGCGCTCGAG	2797	GTCATGCATATGGGGCCTGTTTTC	GAAAACAGGCCCCATATGCATGAC
2800 GACACAACTGCAAGGGAGGCATG CATGCCTCCCTTGCAGTTTGTGTC 2801 CTCGAGCGCTGTCATCATATCGGC GCCGATATGATGACAGCGCTCGAG	2798	ACCGGTAGACGTTAGCGGGTTCAA	TTGAACCCGCTAACGTCTACCGGT
2801 CTCGAGCGCTGTCATCATATCGGC GCCGATATGATGACAGCGCTCGAG	2799	TTGGTTCAAACGGCCACACGTCTC	GAGACGTGTGGCCGTTTGAACCAA
	2800	GACACAAACTGCAAGGGAGGCATG	CATGCCTCCCTTGCAGTTTGTGTC
2802 GCGGCTAAGGCACAAGTAGACGTG CACGTCTACTTGTGCCTTAGCCGC	2801	CTCGAGCGCTGTCATCATATCGGC	GCCGATATGATGACAGCGCTCGAG
	2802	GCGGCTAAGGCACAAGTAGACGTG	CACGTCTACTTGTGCCTTAGCCGC

2803	ACAGCCTAAATGGCGCAAGACCGA	TCGGTCTTGCGCCATTTAGGCTGT
2805	CCGATGATGTAAGCCGTCGGCCCT	AGGGCCGACGGCTTACATCATCGG
2806	AGGAGCAAACAAACGCCAGTGACA	TGTCACTGGCGTTTGTTTGCTCCT
2807	ACGAATTGGGTAGCCGGACTGAGA	TCTCAGTCCGGCTACCCAATTCGT
2808	CTGTTCCAGTTCGGCAAGTGCGGC	GCCGCACTTGCCGAACTGGAACAG
2809	AGACAAGTCAGGAACGCGTTTCCG	CGGAAACGCGTTCCTGACTTGTCT
2810	AGACGACGCCAGATACGCTGCCA	TGGCAGCGTATCTGGCCGTCGTCT
2811	AGGAAGCGCTTCTTCCGGTTCTTC	GAAGAACCGGAAGAAGCGCTTCCT
2812	GATGGACGCAAACACAAGGCGATC	GATCGCCTTGTGTTTGCGTCCATC
2813	CGCATAGCAGTCTCCGCATCTTGG	CCAAGATGCGGAGACTGCTATGCG
2814	TGGTTCCGGTGTGCAACAGATAAA	TTTATCTGTTGCACACCGGAACCA
2815	CCGTATGCCACCTCCAGAACTCAA	TTGAGTTCTGGAGGTGGCATACGG
2816	GTAAAGGAACCCCTCGGGAATCCT	AGGATTCCCGAGGGGTTCCTTTAC
2817	GCCTGATGCTCGTTAAAATTGCGT	ACGCAATTTTAACGAGCATCAGGC
2818	TCGCACTTGGACCATGAGATCTGA	TCAGATCTCATGGTCCAAGTGCGA
2819	TTCTCAGGCTGGGCAAGAGTCTGT	ACAGACTCTTGCCCAGCCTGAGAA
2820	CGGACCTGGGGATGCTGGGATTAC	GTAATCCCAGCATCCCCAGGTCCG
2821	TCGAGCCGATAGGGTTGGCATTGC	GCAATGCCAACCCTATCGGCTCGA
2822	TACGTGTGTCCCACACACGTCGTA	TACGACGTGTGTGGGACACACGTA
2823	TGTGAAATTCGCGTTTCGCATCTT	AAGATGCGAAACGCGAATTTCACA
2824	TTGCAATGCTCCAAAAAAACŢGCC	GGCAGTTTTTTTGGAGCATTGCAA
2825	TCTCATCATGGCTGTGGCTTTGAC	GTCAAAGCCACAGCCATGATGAGA
2826	ATTACACCGCTTGGTTTGGAGTGG	CCACTCCAAACCAAGCGGTGTAAT
2827	GCCGTGCAATGCACAGAGTTCAAG	CTTGAACTCTGTGCATTGCACGGC
2828	GAGATCAGACCGTGTCGGATGCTG	CAGCATCCGACACGGTCTGATCTC
2829	CCACCTATCTTGATGCGACCTGGA	TCCAGGTCGCATCAAGATAGGTGG
2830	CCGATCGCCGTTTATGTCTACGGC	GCCGTAGACATAAACGGCGATCGG
2831	GAAAATCACGGTAAGGCACGTTCG	CGAACGTGCCTTACCGTGATTTTC
2832	GATTCTCGCTTCCCAACGAGCATA	TATGCTCGTTGGGAAGCGAGAATC
2834	TGTGAAATGTGGCAGTCTCAGGGA	TCCCTGAGACTGCCACATTTCACA
2835	CGATCCTGCGTGCCTCATCCAGGC	GCCTGGATGAGGCACGCAGGATCG
2836	CCCTCAAGTGGGCGAGGGTTTTCA	TGAAAACCCTCGCCCACTTGAGGG
2837	TCGCCTCCGCCTCGTGTGTAGAAG	CTTCTACACACGAGGCGAGGCGA
2838	TTCGCTTTCAGCTCATTGGAACGA	TCGTTCCAATGAGCTGAAAGCGAA
2839	TGTAATCTGAACAAGCGGACCCCT	AGGGGTCCGCTTGTTCAGATTACA
2840	TGGAATCTTTCTTGAGCGCCGTGA	TCACGGCGCTCAAGAAAGATTCCA
2841	GGCTTTCATCTTTAACCGCTCGGT	ACCGAGCGGTTAAAGATGAAAGCC
2842	TGATCCGAGCCATTCCTAATCACC	GGTGATTAGGAATGGCTCGGATCA

2843 TGGTAGGCGTGATGTCCTACGCAA TTGCGTAGGACATCACGCCTACCA 2844 AGGCATCGGTAAGAAGGCCCTATG CATAGGGCCTTCTTACCGATGCCT 2845 CGCCGCGAGAGGATCCTTATTATT AATAATAAGAATCGTCTCCGCGGCG 2846 ACATGGACGAAATTACGCCCGTCA TGACGGGCGTAATTTCGTCCATGT 2847 ACAGAAAGGTGGGGAGCCTAGCGT ACGCTAGGCTCCCCACCTTTCTGT 2848 AGGCTTGCGAACATGGGTAGTGAC GTCACTACCCACCTTTCTGT 2849 GCGTGGCCCTTGCTCCTGTTTAAC GTTAAACAGGAGCAAGGCCCACGC 2850 GAATACAGAGCGTCCGATGTGCCC GGGCACATCGGACGCTCTGTATTC 2851 GCGACTCTGTAGGGAGCCGATCG 2852 GGTGCACTCATATGCGTCGCATCG CGATGCGACGCTCCTACAGAGTCGC 2853 CTGTCCCACGGGGAAACCTTACTT AATACGCGCTCCCTACAGAGTCGC 2853 CTGTCCCACGGGGAAACCTTACTT AAGTAAGGTTCCCCTGTGAGCC 2854 TGGCTTACTGCAATCTAGGCC GGCCACATTGCACACACAC 2855 GCACTCATATGCGTCGCATCC GCCTAGATTGCACCAC 2856 GTGAGCTTACCTAGGCC GGCCTAGATTGCACCAC 2857 GTAACGCCTTTGCCAATCTAGGCC GGCCTAGATTGCACACACACACACACACACACACACACAC			
2845 CGCCGCGAGACGATCCTTATTATT 2846 ACATGGACGAAATTACGCCCGTCA TGACGGGCGTAATTTCGTCCATGT 2847 ACAGAAAGGTGGGGAGCCTAGCGT ACGCTAGGCTCCCCACCTTTCTGT 2848 AGGCTTGCGAACATGGGTAATGAC GTCACTACCCATGTTCGCAAGCCT 2849 GCGTGGGCCTTGCTCCTGTTTAAC GTTAAACAGGAGCAAGGCCCACGC 2850 GAATACAGAGCCTCCGATGTGCCC GGGCACATCGGACGCCTGTATTC 2851 GCGACTCTGTAGGGAGCCGCATGTCCCCATGTCCCCACGCC 2852 GGTGCACTCATATGCGTCGCATCG CGGTCCCCACAGCCCCCCCCCC	2843	TGGTAGGCGTGATGTCCTACGCAA	TTGCGTAGGACATCACGCCTACCA
2846 ACATGGACGAAATTACGCCCGTCA 2847 ACAGAAAGGTGGGAGACCTAGCGT 2848 AGGCTTGCGAACATGGGTAGTGAC 2848 AGGCTTGCGCAACATGGGTAGTGAC 2849 GCGTGGGCCTTGCTCTGTTTAAC 2850 GAATACAGAGCCTCCGATGTGCCC 2850 GAATACAGAGCGTCCGATGTGCCC 2851 GCGACTTGTAGAGGACCCAAGGCCAAGGCCAAGGCCAAGGCCAAGGCCAAGGCCAAGGCCAAGGCCAAGGCCAAGGCCAAGGCCAAGGCCAAGGCCAAGGCCAAGGCCCAAGGCCAAGGCCCAAGGCCAAGGCCCAAGGCCAAGGCCCAAGGCCAAGGCCAAGGCCAAGGCCAAGGCCAAGGCCAAGGCCAAGGCCAAGGCCAAGGCCAAGGCCAAGGCCAAGGCCAAGGCCAAGGCCAAGGCCAAGGCCAAGGCCAAGGCAAGGCAAGGCCAAGGCCAAGGCAAGGCAAGGCAAGGCAAGAGCCAAGGCAAGAGCCAAGGCAACCAAGGCAACCAAGGCAACCAAGCCAAGCCAAGCAAGCCAAGCAAGCCAAGCAAGCCAAGCAAGAACCAAGCAAGCCAAGCAAGCCAAGCAAGAACCAAGCCAAGAACCAAGAACCAAGAACCAAGAACCAAGAACCAAGAACCAAGAACCAAGAACCAAGAACCAAGAACCAAGAACCAAGAACCAAGAACCAAGAACCAAGAACCAAGAACCAAGAACAAC	2844	AGGCATCGGTAAGAAGGCCCTATG	
2847 ACAGAAAGGTGGGGAGCCTAGCGT ACGCTAGCGTCCCCACCTTTCTGT 2848 AGGCTTGCGAACATGGGTAGTGAC GTCACTACCCATGTTCGCAAGCCT 2849 GCGTGGGCCTTGCTCCTGTTTAAC GTTAAACAGGAGCAAGGCCCACGC 2850 GAATACAGAGCGTCCGATGTGCCC GGGCACATCGGACGCTCGTATTC 2851 GCGACTCTGTAGGGAGCGCGATAT ATATCGCGCTCCCTACAGAGTCGC 2852 GGTGCACTCATATGCGTCGCATCG CGATGCGACGCGTATGAGTGCACC 2853 CTGTCCCACGGGGAAACCTTACTT AAGTAAGGTTTCCCCCTGGGACAC 2854 TGGCTTACTGTCGCAATCTAGGC GGCCTAGATTGCGACAGTAGCCA 2855 GCACTCAGTTTCCGGTATCCCATG CATGGGATACCGAACTAAGCCA 2856 GTGAGGTTCACCTAAGGCACAGCG CGCTTACGTGACACCTACC 2857 GTAACGCCTTTGTCCCCAGCGTAT ATACGCTGGCACAAGCCTTAC 2858 GCATTAGATGTCCCCAGCGTAT ATACGCTGGGACAAGCCTTAC 2859 GTGGGTTTAAGTGCCCAGCGTAT ATACGCTGGGACAAGCCGTTAC 2859 GTGGGTTTAAGTGACAACGGACGG CGCTGTGCCTTACGTGAACCTCAC 2860 CAAAACCCTGCCGAAGATGTTGGT ACCAACATCTTCGGCAGGGTTTTG 2861 TCCGAGGAGACTGAACCTGCCC GGTAGCACATATCAATGC 2862 CGGGGAAGAACGGATTGGT ACCAACATCTTCGGCAGGGTTTTC 2863 TGGTTACGTTAAGTGACACGGACCG GCGTCGTTTGCCCTCGGA 2864 CGGGGAAGAACGGATTCGCTAACC GGTAGCAGTTCAGTT	2845	CGCCGCGAGACGATCCTTATTATT	AATAATAAGGATCGTCTCGCGGCG
2848 AGGCTTGCGAACATGGGTAGTGAC 2849 GCGTGGGCCTTGCTCCTGTTTAAC 2850 GAATACAGAGCGTCCGATGTGCCC 2850 GAATACAGAGCGTCCGATGTGCCC 2851 GCGACTCTGTAGGGAGCGCGATAT 2851 GCGACTCTGTAGGGAGCGCGATAT 2852 GGTGCACTCATATGCGTCCATCG 2853 CTGTCCCACGGGGAAACCTTACTT 2854 TGGCTTACTGCCATCG 2855 CTGTCCCACGGGGAAACCTTAGGCC 2855 GCACTCATGTGCAACT 2856 GCACTCAGTTTCCGCATCG 2857 GCACTCAGTTTCCGCATCG 2858 GCACTCAGTTTCCGCAATCTAGGCC 2858 GCACTCAGTTTCCGCAATCTAGGCC 2859 GTGAGGTTCACGTAGGCC 2850 GTGAGGTTCACGTAGGCC 2851 GCACTCAGTTTCCGCATACCCATG 2852 GCACTCAGTTTCCGCATACCCATG 2853 GCACTCAGTTTCCGCATACCCATG 2854 TGGCTTACTGTCCCAGCGTAT 2855 GCACTCAGTTTCCGCATACCCATG 2856 GTGAGGTTCACGTAAGGCACAGCG 2857 GTAACGCCTTTGTCCCCAGCGTAT 2858 GCATTGATATGGTCGCCT 2859 GTGGGTTTAAGTGACAACGAACG 2850 CAAAACCCTGCCGAAGATGTTGGT 2860 CAAAACCCTGCCCGAAGATGTTGGT 2861 TCCGAGGAGACGACAGCACGC 2862 CGGGGAAGACGACGACATATCAATGC 2863 TGGTTAGCTTATGTCGGAGCCACC 2864 ACGCGTCGATGAACCTGCTACC 2865 TGGTTAGCTTATGTCGGAGCCACC 2866 ACGCGCCACATATCACTACC 2866 TCCGCGAAGAACCGACCCC 2866 TCCCGCGAAGATCGCTAAAT 2871 TCCCAGCAGGTTCGCCTAAAT 2886 TCCTCGCACAATAACCACCACCC 2867 TGGCCATTCACGACGATTCGCCCACAAAACACCACGCGCACCATAACCACACACCACCACCACCACCACCACCACCAC	2846	ACATGGACGAAATTACGCCCGTCA	TGACGGCGTAATTTCGTCCATGT
2849 GCGTGGGCCTTGCTCTGTTTAAC 2850 GAATACAGAGCGTCCGATGTGCCC 2850 GAATACAGAGCGTCCGATGTGCCC 2851 GCGACTCTGTAGGGAGCGCGATAT ATATCGCGCTCCCTACAGAGTCGC 2852 GGTGCACTCATATGCGTCGCATCG 2852 GGTGCACTCATATGCGTCGCATCG 2853 CTGTCCCACGGGGAAACCTTACTT AAGTAAGGTTTCCCCGTGGGACAG 2854 TGGCTTACTGTCGCAATCTACTT AAGTAAGGTTTCCCCGTGGGACAG 2855 GCACTCAGTTTCCGATTCCCATCG 2856 GTGAGTTCACGATACTACTC 2857 GTAACGCCTTACTTCCCATCG 2858 GCACTCAGTTTCCGATACCCATC 2858 GTGAGGTTCACGTAACCCATC 2859 GTGAGTTCACGTAACGCACAGCG 2859 GTAACGCCTTTGTCCCCAGCGTAT 2859 GTGAGTTCACGTAACGCACAGCG 2850 CAAAACCCTGCCCAAGCGCTAT 2850 CAAAACCCTGCCGAACAGCGC 2850 CAAAACCCTGCCGAAGATGTTGGT 2851 TCCGAGGAGACCGACAGCG 2852 CGGGGAAGAACCGACCATATCAATGC 2853 GTGAGTTTAAGTGACAACGGACG 2850 CAAAACCCTGCCGAAGATGTTGGT ACCAACATCTTCGCAGGGTTTTC 2851 TCCGAGGAGACCGACCATATCAATGC 2852 CGGGGAAGAACCGACCATATCAATGC 2853 TGGTTAAGTGACCACC 2864 TCCGCGAAGATGTTGGT ACCAACATCTTCGCCAGGGTTTTC 2865 TCCGCGAAGATCTAGCC 2866 TCCGCGAAGATCAGCCCCC 2866 TCCGCGAAGAACCGACCACC 2866 TCCGCGAAGAACCGACCACC 2866 TCCGCGAGTACCACACC 2866 TCCGCGGTTGACCACACCACC 2866 TCCGCGGTTGCCCGGTTTGTTAGGA 2866 TCCGCGGTTGCCCGGTTTGTTAGGA 2867 TGGCGCATCTTTCAGGGGACCACC 2868 TCTTCCTGACGAGTACCGCAGTGGG 2868 TCTTCCTGACGAGTACCACAGGACCACCACCGCGGA 2869 GAGAACTCCCGCGTTTTGTTAGGA 2869 CAACAACCGCCGGTTTGTTAGGA 2870 TTAACGTGGGAACCAAAGAGACCACCACAGGAGAAA 2871 GGGCCATCTTTCAGGGGATCGCC 2872 CAACAAACCGCCTTGGTGAAT ATTCACCAACGGTTCCCACGTTAA 2871 GGGACACCATCCTTGGGTTTTATCAC 2872 CAACAAACCGCCTTGGGAACTAACC 2873 TTGAACGCCACCATGGTGAAC 2874 TCGCACAACGCCTTTGGGAATTACACCA 2875 GGCACCTTCGTGAACCAACC 2876 ACATAACCCCACATACTGACCACC 2877 CAACAAACCGCCAAGAACCAACACCAACACCACCACGCCGC	2847	ACAGAAAGGTGGGGAGCCTAGCGT	ACGCTAGGCTCCCCACCTTTCTGT
2850 GAATACAGAGCGTCCGATGTGCCC 2851 GCGACTCTGTAGGGAGCGCGATAT ATATCGCGCTCCTACAGAGTCGC 2852 GGTGCACTCATATGCGTCGCATCG 2853 CTGTCCCACGGGGAAACCTTACTT AAGTAAGGTTTCCCCGTGGGACAG 2854 TGGCTTACTGTCGCAATCTAGGCC 2855 GCACTCAGTTTCCGAATCTAGGCC 2856 GCACTCAGTTTCCGAATCTAGGCC 2857 GTACGCCATAGGATCCCATG 2858 GCATTGAGTTCCCATG 2858 GCATTACTGTTCCCAAGGCACGCATATGCGAACCTCAC 2859 GTACGCCTTTGTCCCCAGCGAACCTACTACTA 2859 GTACGCCTTTGTCCCCAGCGTAT 2859 GTAGGTTTAAGTGCACCACCC 2850 CAAAACCCTGCCCAAGCGC 2850 CAAAACCCTGCCCAAGAGACCCC 2850 CAAAACCCTGCCGAAGATGTTGGT 2851 TCCGAGGAGACCGACCATATCAATGC 2852 GTGGGTTTAAGTGACAACGGACGC 2853 GTGGGTTTAAGTGACAACGGACGC 2854 TCCGAGGAGACCTGCTACC 2856 CAAAACCCTGCCGAAGATGTTGGT 2851 TCCGAGGAGACCGACCATATCAATGC 2852 GTGGGTTTAAGTGACCACCTGCCC 2853 TGGTTAGATTAGTGCTACC 2854 TCCGAGGAGACCGACCACC 2855 CCGGGGAAGAACCGACCACC 2856 CCACAACCCTGCCGAAGATGTTGGT 2856 TCCGGAGGACCGACCATATCACCC 2857 TCCCGAGGAGACCGACCACC 2858 TCGTTAGCTTATGTCGGAGCCACC 2858 TCGTTAGCTTATGTCGGAGCCACC 2858 TCTCCTGACGAGATCGCCACC 2850 TCCCGCGGTTGCCCGACATAAGCTACCA 2851 TCCCTGACGAGTACCCACCC 2852 TCCCGCGGTTGCCGGTTTGTTAGGC 2853 TGGTTAGCTTATGTCGGAGCCACC 2854 ACGCTCGATGAACCACAGCGGGG 2855 TCCCGCGGTTGCCGGTTTGTTAGGC 2856 TCCCGCGGTTGCCGGTTTGTTAGGA 2856 TCCCGCGGTTGCCGGTTTGTTAGGA 2856 TCCCGCGGTTGCCGGTTTGTTAGGA 2857 TGGCGCATCTTTCAGGGGATGATC 2858 TCTTTGGTCCTTGGTGTTACCCC 2858 TCTTTGGTCCTTGGTGTTTACCCC 2870 TTAACGTGGGAACCGTTGGTGAAT 2871 GGGACACCATCCTTGGGTTTGTTA 2871 GGGACACCATCCTTGGGTTTGTTA 2871 TGAAGGCCACCGCTTGGGAAATGACCAAGACCCACAGGATGTTCCC 2872 CAACAAACCGCCTTGGGAATTGACC 2873 TTGAAGGCCACCATCCTTGGGTTTGTTA 2874 TCGTAATAGAACTCCCAAGTGACCAACACCAAGACCAACGACCAACGACCACCACCAACACACCAC	2848	AGGCTTGCGAACATGGGTAGTGAC	GTCACTACCCATGTTCGCAAGCCT
2851 GCGACTCTGTAGGAGCGCGATAT ATATCGCGCTCCCTACAGAGTCGC 2852 GGTGCACTCATATGCGTCGCATCG CGATGCGACGCATATGAGTGCACC 2853 CTGTCCCACGGGGAAACCTTACTT AAGTAAGGTTTCCCCGTGGGACAG 2854 TGGCTTACTGTCGCAATCTAGGCC GGCCTAGATTGCGACAGTAAGCCA 2855 GCACTCAGTTTCCGGTATCCCATG CATGGGATACCGGAAACTGAGTGC 2856 GTGAGGTTCACGTAAGGCACAGCG CGCTGTGCCTTACGTGAACCTCAC 2857 GTAACGCCTTTGTCCCCAGCGTAT ATACGCTGGGACAAAGGCGTTAC 2858 GCATTGATATGGTCGGTCTCGCCT AGGCGAGACCGACCATATCAATGC 2859 GTGGGTTTAAGTGACAACGGACGC GCGTCGTTGTCACTTAAACCCAC 2860 CAAACCCTGCCGAAGATGTTGGT ACCAACATCTTCGGCAGGGTTTG 2861 TCCGAGGAGACTGAACCTGCTACC GGTAGCAGGTTCACTCTCGGA 2862 CGGGGAAGAACGGACTGCACCC GGTAGCAGGTTCACTCCCGGA 2863 TGGTTAGCTTATGTCGGAGCCACC GGTGGCTTCGTTCCCCG 2863 TGGTTAGCTTATGTCGGAGCCACC GGTGGCTCCGACATAAGCTAACCA 2864 ACGCGTCGATGAACTAAGGCTCGC GCGAGCCTTAGTTCATCGACGGT 2865 TTCTCCTGACGAGTACGCACCC GGTGGCTCCGACATAAGCTAACCA 2866 TCCGCGGTTGCCGGTTTGTTAGGA TCCTACTCGTCAGGAGAA 2866 TCCGCGGTTGCCGGTTTGTTAGGA TCCTACCCTGAAAACCGGCAACCCGCGGA 2867 TGGCGCATCTTTCAGGGGATCAGC CCCCCTCCGTACTCCTCTCGCACATAACCAACCGGCAACCCGCGGA 2868 TCTTTGGTCCTTGGTGTTTACGCC CGCGTAAACACCACGGCAACCGCCGAA 2869 GAGAACTCCCGCTACAAAGGAGCC GGCTCCTTTTGAGCGGAGTTCTC 2870 TTAACGTGGGAACCAACGAGCC GGCTCCTTTTTAGCGAATCCCATTAACCAACCAAGAACCCAAAGAACCCACCGTTAAACCCAACAGATCCTCCCCTGAAAAGAACCCAAAGAACCAAACCAACAACCAAGAACCGCCTTAAACCAACAACCAAGAACCAAACACCAAACAACCAAACACCAAACAAC	2849	GCGTGGCCTTGCTCCTGTTTAAC	GTTAAACAGGAGCAAGGCCCACGC
2852 GGTGCACTCATATGCGTCGCATCG CGATGCGACGCATATGAGTGCACC 2853 CTGTCCCACGGGGAAACCTTACTT AAGTAAGGTTTCCCCGTGGGACAG 2854 TGGCTTACTGTCGCAATCTAGGCC GGCCTAGATTGCGACAGTAAGCCA 2855 GCACTCAGTTTCCGGTATCCCATG CATGGGATACCGGAAACTGAGTGC 2856 GTGAGGTTCACGTAAGGCACAGCG CGCTGTGCCTTACGTGAACCTCAC 2857 GTAACGCCTTTGTCCCCAGCGTAT ATACGCTGGGGACAAGGCGTTAC 2858 GCATTGATATGGTCGGTCTCGCCT AGGCGACACCACCATATCAATGC 2859 GTGGGTTTAAGTGACAACCGACG CGCTGTGCACTTACATAGCCAC 2860 CAAAACCCTGCCGAAGATGTTGGT ACCAACATCTTCGCCAGGGATTTTG 2861 TCCGAGGAGACTGAACCTGCTACC GGTAGCAGGTTCACTCCGGA 2862 CGGGGAAGAACGGATTCGCTAAAT ATTTAGCGAATCCGTTCCTCCGGA 2863 TGGTTAGCTTATGTCGGAGCCACC GGTGGCTCGACCATTACCACA 2864 ACGCGTCGATGAACCTGCTACAC GGTGGCTCCGTCATCCCGGAACATATCATGCC 2865 TTCTCCTGACGAGCTCACC GGTGGCTCCGACATAAGCTAACCA 2866 TCCGCGGTTGCCGGTTTGTTAGGA TCCTACACACACTCGTTCATCGACGGGT 2867 TGGCGCATCTTTCAGGGGATGAGC CCCACTGCGTACTCGTCAGGAGAA 2868 TCTTTGGTCCTGGTGATAG TCCTAACAAACCGGCAACCGCGGA 2869 GAGAACTCCCGCTACAAAGGAGCC CGCGTAAACACCAGGACCAAAGA 2869 GAGAACTCCCGCTACAAAGGAGCC GGCGTAAACACCAAGGACCAAAGA 2869 GAGAACTCCCGCTACAAAGGAGCC GGCGTAAACACCAAGGACCAAAGA 2870 TTAACGTGGGAACCGTTGGTAAT ATTCACCAACGGTTCCCCACGTTACC 2871 TGAAGGCCACCGTTGGTAAAT TAACAAACCCAAGGACCAAAGA 2872 CAACAAACCGCCTTTGGAAGTAGCCACGGGAACCCACAGGACCCACAGGACCCACAGGACCCAACAGAACCCACCGCTTACAAAGAGAGCC GGCTCCTTTTGAGCGGAACTCCTCGGTTTGTTACACAACCAAC	2850	GAATACAGAGCGTCCGATGTGCCC	GGGCACATCGGACGCTCTGTATTC
2853 CTGTCCCACGGGAAACCTTACTT AAGTAAGGTTTCCCCGTGGGACAG 2854 TGGCTTACTGTCGCAATCTAGGCC GGCCTAGATTGCGACAGTAAGCCA 2855 GCACTCAGTTTCCGGTATCCCATG CATGGGATACCGGAAACTGAGTGC 2856 GTGAGGTTCACGTAAGGCACAGCG CGCTGTGCCTTACGTGAACCTCAC 2857 GTAACGCCTTTGTCCCCAGCGTAT ATACGCTGGGACAAAGGCGTTAC 2858 GCATTGATATGGTCGGTCTCGCCT AGGCGAGACCGACCATATCAATGC 2859 GTGGGTTTAAGTGACAACGGACGC GCGTCCGTTGTCACTTAAACCCAC 2860 CAAAACCCTGCCGAAGATGTTGGT ACCAACATCTTCGGCAGGGTTTTG 2861 TCCGAGGAGACCTGACCTGCTACC GGTAGCAGGTTCAGTCCCCGAAGATCTTCCCCGAAGATCTTCCCCGAAGATCTTCCCCGAAGATCTTCCCCGAAGATCTTCCCCGAAGATCTTCCCCGAAGATCTTCCCCGAAGATCCTTACTCCCCGAAGATCTTAGTCCACCAC 2862 CGGGGAAGAACGGATTCGCTAAAT ATTTAGCGAATCCGTTCTTCCCCG 2863 TGGTTAGCTTATGTCGGAGCCACC GGTGGCTCCGACATAAGCTAACCA 2864 ACCCGTCGATGAACTAAGGCTCGC GCGAGCCTTAGTTCATCGACGAGT 2865 TTCTCCTGACGAGTACCCAGTGGG CCCACTGCGTACTCGTCAGGAGAA 2866 TCCGCGGTTGCCGGTTTGTTAGGA TCCTAACAAACCGGCAACCGCGGA 2867 TGGCGCATCTTTCAGGGGATGATG CATCATCCCCTGAAAGATGCGCCA 2868 TCTTTGGTCCTTGGTGTTACGC CGCGTAAACAACCGGCAACCAAGAA 2869 GAGAACTCCCGCTACAAAGGAGCC GGCTCCTTTTGTAGCGGGAGTTCTC 2870 TTAACGTGGGAACCGTTGGTGAAT ATTCACCAACGGTTCCCACGTTAA 2871 GGGACACCATCCTTGGGTTTTGTTA TAACAAACCCAAGGAGTGCTCCC 2872 CAACAAACCGCCTTGGGAAGTGAC GCCTTTTGTAGCGGGAGTTCTC 2873 TGAAGGCCACCGATACTGATCGC GCGATCAGTATCGGTGGCCTTCAA 2874 TCGTAATAGAACTGCGCCCAATGC GCATTCACAAGGCGGTTTGTTG 2875 GGCACGTTTGCCCAAGTTGGTACCA TGGATCCACTTGGTGGTCCC 2876 GCACGTTGCCCAAGTTGGTGAACACCAAGGCGGTTTCTTATACGA 2877 CTTGCCGCCTTGCGAGTGGCCAACCCACCGCGGAACCAAGCACCAAGCACGAAGCACCAAGCACGCCCCTTCAA 2879 AATGGCTCCCCAGATACCACCCACC GGTGGGGTGTCCGAACCATTTTTACGA 2879 AATGGCTCGCCAGATACCGACCCACC GGTTGCGCAACCCATTTTTACGCA 2879 AATGGCTCCCAGATACCGAACCCACCC GGTTGCGAACACCAAGCCCATTTTTCCCACGTTTTTTACGCA 2879 AATGGCTCCCAGATACCGAACCCACCC GGCTGCGGTATCTTGGCGAACCCATTTTTCCCACGTTTTTTCACCAACGGGTGCCCAAGCTATTTTCACCAAAGGCGGCAACCCATTTTTCACCAACGGGTGCCCAAGCCCTTTTTTTT	2851	GCGACTCTGTAGGGAGCGCGATAT	ATATCGCGCTCCCTACAGAGTCGC
TGGCTTACTGTCGCAATCTAGGCC 2855 GCACTCAGTTTCCGGTATCCCATG 2856 GTGAGGTTCACGTAAGGCACAGCG 2857 GTAACGCCTTTGTCCCCAGCGTAT 2857 GTAACGCCTTTGTCCCCAGCGTAT 2858 GCATTGATATGGTCGGTCTCGCCT 2859 GTGGGTTTAAGTGACAACGGACG 2859 GTGGGTTTAAGTGACAACGGACGC 2859 GTGGGTTTAAGTGACAACGGACGC 2860 CAAAACCCTGCCGAAGATGTTGGT 2861 TCCGAGGAGACTGAACCTGCTACC 2862 CGGGGAAGACGGACGATTTCGCTACC 2863 TGGTTAGCTTAGTCGCAACTTCCCCG 2864 ACGCGTCGATAATTGGTCAAACT 2865 TTCTCCTGAGAACTGACCACC 2866 CCACACACTCTTCGCCAGCGTTTTCCCCGGACGGTTTTG 2861 TCCGAGGAGACTGAACCTGCTACC 2862 CGGGGAAGAACGGATTCGCTAAAT 2864 ACGCGTCGATGAACTAAGGCTCGC 2865 TGCTCCTACACAACGCACCC 2866 TCCCCGATGAACTAAGGCTCGC 2866 TCCGCGGTTGCCGGTTTGTTAGGA 2866 TCCGCGGTTGCCGGTTTGTTAGGA 2867 TGGCGCATCTTTCAGGGGATGATG 2868 TCTTTGGTCCTTGGTGTTACGCC 2868 TCTTTGGTCCTTGGTGTTACGCC 2870 TTAACGTCGGGAACCCAACGAGCCC 2871 GGGAACCCCCGCTACAAAGGAGCC 2872 CAACAAACCGCCTTGGTGAAT 2873 TTGAAGGCAACCTACGAAGGAGCC 2874 CCGCTTGAACAACCAACCAAGGACCCAAGACCCAAGACCCAAGACCCAAGACCCAAGACCCAACGACCCAACGACCCAACGACCCAACCCAACGAACCCAACGACCCACCCCCC	2852	GGTGCACTCATATGCGTCGCATCG	CGATGCGACGCATATGAGTGCACC
2855 GCACTCAGTTTCCGGTATCCCATG CATGGGATACCGGAAACTGAGTGC 2856 GTGAGGTTCACGTAAGGCACAGCG CGCTGTGCCTTACGTGAACCTCAC 2857 GTAACGCCTTTGTCCCCAGCGTAT ATACGCTGGGGACAAAGGCGTTAC 2858 GCATTGATATGGTCGGTCTCGCCT AGGCGAGACCGACCATATCAATGC 2859 GTGGGTTTAAGTGACAACGGACGC GCGTCCGTTGTCACTTAAACCCAC 2860 CAAAACCCTGCCGAAGATGTTGGT ACCAACATCTTCGGCAGGGTTTTG 2861 TCCGAGGAGACCTGAACCTGCTACC GGTAGCAGGTTCAGTCTCCCCGGA 2862 CGGGGAAGAACGGATTCGCTAAAT ATTTAGCGAATCCGTCTCCCGGA 2863 TGGTTAGCTTATGTCGGAGCCACC GGTGGCTCCGACATAAGCTAACCA 2864 ACGCGTCGATGAACTAAGGCTCGC GCGAGCCTTAGTTCATCGACGCGT 2865 TTCTCCTGACGAGTACGCAGTGGG CCCACTGCGTACTCGTCAGGAGAA 2866 TCCGCGGTTGCCGGTTTGTTAGGA TCCTAACAAACCGGCAACCGCGGA 2867 TGGCGCATCTTTCAGGGGGATGATG CATCATCCCCTGAAAGATGCGCCA 2868 TCTTTGGTCCTTGGTGTTTACGCG CGCGTAAACACCAAGGACCAAAGA 2869 GAGAACTCCCGCTACAAAGGAGCC GCCGTAAACACCAAGGACCAAAGA 2870 TTAACGTGGGAACCGTTGGTGAAT ATTCACCAACGGTTCCCACGTTAA 2871 GGGACACCATCCTTGGGTTTGTTA 2871 TTAACGTGGGAACCGTTGGTGAAT ATTCACCAACGGTTCCCACGTTAA 2872 CAACAAACCGCCTTGGGAAGTGAC GCCATCCCCAAGGATGCTCCC 2873 TTGAAGGCCACCGATACTGATCGC GCGATCAGTATCGGTGGCCTTCAA 2874 TCGTAATAGAACTGCGCCCAATGC GCATTGGGCGCAACTTCTTATACGA 2875 GGCACGTTGCCCAAGTTGGATCCA TGGATCCAACTTGGGCAACGTGCC 2876 ACATAGCTTGCCCAAGTTGGATCCA TGGATCCAACTTGGCCAACGTTCTATACGA 2877 CTGCCGCCTTGGCAACTCCACCACCGCCAAGCAAGACCCAACGACCCAACGATCCTCTAAACACCCAAGGATCCTCTTATACGA 2876 ACATAGCTTGCCCAAGTTGGATCCA TGGATCCAACTTGGCCAACGTGCC 2877 CTTGCCGCCTGCGAACCCCACC GTTGGTTCCCACGTTTAT 2877 CTTGCCGCCTTGCGAACCCCACC GTTGGTTCCCACGTTTTTCCAACTTTTTTTTTT	2853	CTGTCCCACGGGGAAACCTTACTT	AAGTAAGGTTTCCCCGTGGGACAG
2856 GTGAGGTTCACGTAAGGCACAGCG CGCTGTGCCTTACGTGAACCTCAC 2857 GTAACGCCTTTGTCCCCAGCGTAT ATACGCTGGGGACAAAGGCGTTAC 2858 GCATTGATATGGTCGGTCTCGCCT AGGCGAGACCGACCATATCAATGC 2859 GTGGGTTTAAGTGACAACGGACGC GCGTCCGTTGTCACTTAAACCCAC 2860 CAAAACCCTGCCGAAGATGTTGGT ACCAACATCTTCGGCAGGGTTTTG 2861 TCCGAGGAGACCTGAACCTGCTACC GGTAGCAGGTTCAGTCCCTCGGA 2862 CGGGGAAGAACGGATTCGCTAAAT ATTTAGCGAATCCGTTCTTCCCCG 2863 TGGTTAGCTTATGTCGGAGCCACC GGTGGCTCCGACATAAGCTAACCA 2864 ACGCGTCGATGAACTAAGGCTCGC GCGAGCCTTAGTTCATCGACGAGT 2865 TTCTCCTGACGAGTACGCAGTGGG CCCACTGCGTACTCGTCAGGAGAA 2866 TCCGCGGTTGCCGGTTTGTTAGGA TCCTAACAAACCGGCAACCGCGGA 2867 TGGCGCATCTTTCAGGGGATGATG CATCATCCCTGAAAGATGCGCCA 2868 TCTTTGGTCCTTGGTGTTTACGCG CGCGTAAACACCAAGGACCAAAGA 2869 GAGAACTCCCGCTACAAAGGAGCC GCCTTAGTTCACCAAGGACCAAAGA 2870 TTAACGTGGGAACCGTTGGTGAAT ATTCACCAACGGTTCCCACGTTAA 2871 GGGACACCATCCTTGGGTTTGTTA 2872 CAACAAACCGCCTTGGGAAGTGAC GTCACTTCCCAAGGATGTCCC 2872 CAACAAACCGCCTTGGGAAGTGAC GTCACTTCCCAAGGATGTCCC 2872 CAACAAACCGCCTTGGGAAGTGAC GTCACTTCCCAAGGATGTCCC 2873 TTGAAGGCCACCGATACTGATCGC GCGATCAGTATCGGTGGCCTTCAA 2874 TCGTAATAGAACTGCGCCCAATGC GCATTGGGCGCAACTTCTTATACGA 2875 GGCACGTTGCCCAAGTTGGATCCA TGGATCCAACTTGGGCAACGTCCC 2876 ACATAGCTTGGCGGACACCCACC GGTGGGTTCCAAGGCGCAACGACCAACGACCAACGATCCTAAACACCCAAGGATGCCC 2876 ACATAGCTTGCCCAAGTTGGATCCA TGGATCCAACTTGGGCAACGTGCC 2877 CTTGCCGCCTTGCGAACTCCACC GGTGGGTTCCCCACGTTATTACGA 2878 ACATAGCTTGGCCGAACCCACC GGTGGGTTCCCCACGTTTTTCCAACACCCAACGGTTCTATTACGA 2879 AATGGCTCGCCAAGTTGCCAACTTTTCA TGAAAAGTTCGGCGAACCATCTTTTCCAAAAGCCCAAGGACCATCTTTTTCCAACTTTTTCCAAACACCCAAGGCGCAAGCCATTTTTCAACAAACCCCAAGGCCCATTTTTCAACAAACCCCAAGGCCCAATTTTTCAACAAACCCCAAGGCCCAAGCCAAGCAAG	2854	TGGCTTACTGTCGCAATCTAGGCC	GGCCTAGATTGCGACAGTAAGCCA
2857 GTAACGCCTTTGTCCCCAGCGTAT ATACGCTGGGGACAAAGGCGTTAC 2858 GCATTGATATGGTCGGTCTCGCCT AGGCGAGACCGACCATATCAATGC 2859 GTGGGTTTAAGTGACAACGGACGC GCGTCCGTTGTCACTTAAACCCAC 2860 CAAAACCCTGCCGAAGATGTTGGT ACCAACATCTTCGGCAGGGTTTTG 2861 TCCGAGGAGACCTGCTACC GGTAGCAGGTTCAGTCTCCTCGGA 2862 CGGGGAAGAACGGATCGCTAAAT ATTTAGCGAATCCGTTCTCCCCG 2863 TGGTTAGCTTATGTCGGAGCCACC GGTGGCTCCGACATAAGCTAACCA 2864 ACGCGTCGATGAACCTAGCTCGC 2865 TTCTCCTGACGAGTACGCAGTGGG CCCACTGCGTACTCGTCAGGAGAA 2866 TCCGCGGTTGCCGGTTTGTTAGGA TCCTAACAAACCGGCACCGCGGA 2867 TGGCGCATCTTTCAGGGGATGATG CATCAACAAACCGGCAACCGCGGA 2868 TCTTTGGTCCTTGGTGTTTACGCG CGCGTAACCCACAAGAACACAAAAACACAAAAACACAAAAACACAAAAACACAAAA	2855	GCACTCAGTTTCCGGTATCCCATG	CATGGGATACCGGAAACTGAGTGC
2858 GCATTGATATGGTCGGTCTCGCCT AGGCGAGACCGACCATATCAATGC 2859 GTGGGTTTAAGTGACAACGGACGC GCGTCCGTTGTCACTTAAACCCAC 2860 CAAAACCCTGCCGAAGATGTTGGT ACCAACATCTTCGGCAGGGTTTTG 2861 TCCGAGGAGACCTGAACCTGCTACC GGTAGCAGGTTCAGTCTCCTCGGA 2862 CGGGGAAGAACGGATTCGCTAAAT ATTTAGCGAATCCGTTCTTCCCCG 2863 TGGTTAGCTTATGTCGGAGCCACC GGTGGCTCCGACATAAGCTAACCA 2864 ACGCGTCGATGAACTAAGGCTCGC GCGAGCCTTAGTTCATCGACGCGT 2865 TTCTCCTGACGAGTACGCAGTGGG CCCACTGCGTACTCGTCAGGAGAA 2866 TCCGCGGTTGCCGGTTTGTTAGGA TCCTAACAAACCGGCAACCGCGGA 2867 TGGCGCATCTTCAGGGGATGATG CATCATCCCTGAAAGATGCGCCA 2868 TCTTTGGTCCTTGGTGTTTACGCG CGCGTAAACACCACAGGACCCAAAGA 2869 GAGAACTCCCGCTACAAAGGAGCC GGCTCCTTTGTAGCGGAGACCAAAGA 2870 TTAACGTGGGAACCGTTGGTAAT ATTCACCAACGGTTCCCACGTTAA 2871 GGGACACCATCCTTGGGTTTGTTA TAACAAACCCAAGGATGGTCCC 2872 CAACAAACCGCCTTGGGAAGTGAC GTCACTTCCCAAGGATGTCCC 2873 TTGAAGGCCACCGATACTGATCGC GCGATCAGTATCGGTGTTTGTTG 2873 TTGAAGGCCACCGATACTGATCGC GCGATCAGTATCGGTGGCCTTCAA 2874 TCGTAATAGAACTGCGCCCAATGC GCGATCAGTATCGGTGGCCTTCAA 2875 GGCACGTTGCCCAAGTTGGATCCA TGGATCCAACTTGGCCAACGTTCCC 2876 ACATAGCTTGGCCGAACCCCACC GGTGGGTGTCCCGCCAAGGCACCAAGG 2879 AATGGCTCCCCAGATACCGCAGCC GGCTGCGGTATCTGGCGAACCATTTTCCCCAAGGCGGTTTTTGTG 2880 CAAAAGGCGTGTCCCAACTTTTCA TGAAAAGTTCGGCGAACCCCTTTTTTTTTT	2856	GTGAGGTTCACGTAAGGCACAGCG	CGCTGTGCCTTACGTGAACCTCAC
2859 GTGGGTTTAAGTGACAACGGACGC GCGTCCGTTGTCACTTAAACCCAC 2860 CAAAACCCTGCCGAAGATGTTGGT ACCAACATCTTCGGCAGGGTTTTG 2861 TCCGAGGAGACCTGAACCTGCTACC GGTAGCAGGTTCAGTCCCTCGGA 2862 CGGGGAAGACGGATTCGCTAAAT ATTTAGCGAATCCGTTCTTCCCCG 2863 TGGTTAGCTTATGTCGGAGCCACC GGTGGCTCCGACATAAGCTAACCA 2864 ACGCGTCGATGAACTAAGGCTCGC GCGAGCCTTAGTTCATCGACGCGT 2865 TTCTCCTGACGAGTACGCAGTGGG CCCACTGCGTACTCGTCAGGAGAA 2866 TCCGCGGTTGCCGGTTTGTTAGGA TCCTAACAAACCGGCAACCGCGGA 2867 TGGCGCATCTTTCAGGGGATGATG CATCATCCCCTGAAAGATGCGCCA 2868 TCTTTGGTCCTTGGTGTTTACGCG CGCGTAACACACCAAGGACCAAAGA 2869 GAGAACTCCCGCTACAAAGGAGCC GGCTCCTTTGTAGCGGGAGTTCTC 2870 TTAACGTGGGAACCGTTGGTGAAT ATTCACCAACGGTTCCCACGTTAA 2871 GGGACACCATCCTTGGGTTTGTTA 2871 GGGACACCATCCTTGGGTTTGTTA 2872 CAACAAACCGCCTTGGGAAGTGAC GTCACTTCCCAAGGAGTTGTCC 2873 TTGAAGGCCACCGATACTGATCGC GCGATCAGTATCGGTGGCCTTCAA 2874 TCGTAATAGAACTGCGCCCAATGC GCGATCAGTATCGGTGGCCTTCAA 2875 GGCACCTTGGCCCAAGTTGGATCCA TGGATCCAACTTGGGCAACCTGCC 2876 ACATAGCTTGGCCGAACCCCACC GGTGGGTTCCCGCCAAGCA 2877 CTTGCCGCCTAGAACCCCACC GGTGGGTTCCGCCAAGCACGTTCCCAAGCACGTTCCCAAGCACGTTCCCAAGCACGTTCCCAAGCACGTTCCCAACGTTCCCAAGCACGTTCCCAACGTTCCCAACGTTCCCAACGTTCCCAACGTTCCCAACGTTCCCAACGTTCCCAACGTTCCCAACTTCCCAACGTTCCCAACGTTCCCAACTTCCCAACGTTCCCAACTTCCCAACGTTCCCAACTTCCCAACTTCCCAACCTTCCCAACCTTCCCAACTTCCCAACTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTCCCAACCTTTTTCA 2880 CAAAAGCCGTGTCCCAACTTTTTCA TGAAAAGTTCGGCAACCCCTTTTTCA 2880 CAAAAAGGCGTGTCCCAACCTTTTTCA TGAAAAGTTCGGCAACCCCTTTTTCA	2857	GTAACGCCTTTGTCCCCAGCGTAT	ATACGCTGGGGACAAAGGCGTTAC
2860 CAAAACCTGCCGAAGATGTTGGT ACCAACATCTTCGGCAGGGTTTTG 2861 TCCGAGGAGACTGAACCTGCTACC GGTAGCAGGTTCAGTCTCCTCGGA 2862 CGGGGAAGAACGGATTCGCTAAAT ATTTAGCGAATCCGTTCTTCCCCG 2863 TGGTTAGCTTATGTCGGAGCCACC GGTGGCTCCGACATAAGCTAACCA 2864 ACGCGTCGATGAACTAAGGCTCGC GCGAGCCTTAGTTCATCGACGCGT 2865 TTCTCCTGACGAGTACGCAGTGGG CCCACTGCGTACTCGTCAGGAGAA 2866 TCCGCGGTTGCCGGTTTGTTAGGA TCCTAACAAACCGGCAACCGCGGA 2867 TGGCGCATCTTTCAGGGGGATGATG CATCATCCCCTGAAAGATGCGCCA 2868 TCTTTGGTCCTTGGTGTTTACGCG CGCGTAAACACCAAGGACCAAAGA 2869 GAGAACTCCCGCTACAAAGGAGCC GGCTCCTTTGTAGCGGGAGTTCTC 2870 TTAACGTGGGAACCGTTGGTGAAT ATTCACCAACGGTTCCCACGTTAA 2871 GGGACACCATCCTTGGGTTTGTTA TAACAAACCCAAGGATGGTGCCC 2872 CAACAAACCGCCTTGGGAAGTGAC GTCACTTCCCAAGGAGGGTTCCC 2873 TTGAAGGCCACCGATACTGATCGC GCGATCAGTATCGGTGGCCTTCAA 2874 TCGTAATAGAACTGCGCCCAATGC GCATTGGGCGCAACGTGCC 2875 GGCACGTTGCCCAAGTTGGATCCA TGGATCCAACTTGGGCAACGTGCC 2876 ACATAGCTTGGCCGACACCCACC GGTGGTTCCCAAGGCGCAACGTGCC 2877 CTTGCCGCCTTGCGAACACCCACC GGTGGTTCCCAAGGCGCAACGTACT 2877 CTTGCCGCCTTGCGAACCCCACC GGTGGGTACTCGCAAGGCGGCAACGTACT 2879 AATGGCTCCCAAGATACCGCAGCC GGCTGCGTATCTGGCCAACGCCATTTGCCCAAGGCGGCCAATCTGATCCGCAACGCCGCCAAGCCATCTTTGCCCAAGGCGGCCAAGCCATTTTCACCAACTTGGCCAACGCCGCCAAGCCAACCACCCCCCCC	2858	GCATTGATATGGTCGGTCTCGCCT	AGGCGAGACCGACCATATCAATGC
2861 TCCGAGGAGACTGAACCTGCTACC GGTAGCAGGTTCAGTCTCCTCGGA 2862 CGGGGAAGAACGGATTCGCTAAAT ATTTAGCGAATCCGTTCTTCCCCG 2863 TGGTTAGCTTATGTCGGAGCCACC GGTGGCTCCGACATAAGCTAACCA 2864 ACGCGTCGATGAACTAAGGCTCGC GCGAGCCTTAGTTCATCGACGCGT 2865 TTCTCCTGACGAGTACGCAGTGGG CCCACTGCGTACTCGTCAGGAGAA 2866 TCCGCGGTTGCCGGTTTGTTAGGA TCCTAACAAACCGGCAACCGCGGA 2867 TGGCGCATCTTTCAGGGGATGATG CATCATCCCCTGAAAGATGCGCCA 2868 TCTTTGGTCCTTGGTGTTTACGCG CGCGTAAACACCCAGGACCAAAGA 2869 GAGAACTCCCGCTACAAAGGAGCC GGCTCCTTTGTAGCGGGAGTTCTC 2870 TTAACGTGGGAACCGTTGGTGAAT ATTCACCAACGGTTCCCACGTTAA 2871 GGGACACCATCCTTGGGTTTGTTA TAACAAACCCAAGGATGGTCCC 2872 CAACAAACCGCCTTGGGAAGTGAC GTCACTTCCCAAGGCGGTTTGTTG 2873 TTGAAGGCCACCGATACTGATCGC GCGATCAGTATCGGTGGCCTTCAA 2874 TCGTAATAGAACTGCGCCCAATGC GCATTGGGCGCAGTTCTATACGA 2875 GGCACGTTGCCCAAGTTGGATCCA TGGATCCAACTTGGGCACACGTGCC 2876 ACATAGCTTGGCCGGACACCCACC GGTGGTTCCCGCCAAGGCGCAAGCAGCCCAAGCAGCAAGCA	2859	GTGGGTTTAAGTGACAACGGACGC	GCGTCCGTTGTCACTTAAACCCAC
2862 CGGGGAAGAACGGATTCGCTAAAT ATTTAGCGAATCCGTTCTTCCCCG 2863 TGGTTAGCTTATGTCGGAGCCACC GGTGGCTCCGACATAAGCTAACCA 2864 ACGCGTCGATGAACTAAGGCTCGC GCGAGCCTTAGTTCATCGACGCGT 2865 TTCTCCTGACGAGTACGCAGTGGG CCCACTGCGTACTCGTCAGGAGAA 2866 TCCGCGGTTGCCGGTTTGTTAGGA TCCTAACAAACCGGCAACCGCGGA 2867 TGGCGCATCTTTCAGGGGATGATG CATCATCCCCTGAAAGATGCGCCA 2868 TCTTTGGTCCTTGGTGTTTACGCG CGCGTAAACACCAAGGACCAAAGA 2869 GAGAACTCCCGCTACAAAGGAGCC GGCTCCTTTGTAGCGGGAGTTCTC 2870 TTAACGTGGGAACCGTTGGTGAAT ATTCACCAACGGTTCCCACGTTAA 2871 GGGACACCATCCTTGGGTTTGTTA TAACAAACCCAAGGATGGTCCC 2872 CAACAAACCGCCTTGGGAAGTGAC GTCACTTCCCAAGGCGGTTTGTTG 2873 TTGAAGGCCACCGATACTGATCGC GCGATCAGTATCGGTGGCCTTCAA 2874 TCGTAATAGAACTGCGCCCAATGC GCATTGGGCGCAACTTTACGA 2875 GGCACGTTGCCCAAGTTGGATCCA TGGATCCAACTTGGGCAACGTGCC 2876 ACATAGCTTGGCCGGACACCCACC GGTGGGTTCCCGAAGGCGGCAAGCTATGT 2877 CTTGCCGCCTTGCGAGTGGCTAAA TTTAGCCACTCGCAAGGCGGCAAG 2879 AATGGCTCGCCAGATACCGCCCGCCGCCGTACTTTTACCGA CAAAAGGCGTGTCCCAAGTTTCAAACTTTTCACGAACTTCGCCCAAGGCGGCCAAGCCCATTCCCAAGGCGGCCAAGCCCATTCCCAAGGCCGCCAAGCCCACC GGTGGGTTTCCGGCCAAGCCCATTCCCAAGGCCGCCAAGCCCACCCCCCCAAGCCCCCCAAGCCCCCC	2860	CAAAACCCTGCCGAAGATGTTGGT	ACCAACATCTTCGGCAGGGTTTTG
2863 TGGTTAGCTTATGTCGGAGCCACC GGTGGCTCCGACATAAGCTAACCA 2864 ACGCGTCGATGAACTAAGGCTCGC GCGAGCCTTAGTTCATCGACGCGT 2865 TTCTCCTGACGAGTACGCAGTGGG CCCACTGCGTACTCGTCAGGAGAA 2866 TCCGCGGTTGCCGGTTTGTTAGGA TCCTAACAAACCGGCAACCGCGGA 2867 TGGCGCATCTTTCAGGGGATGATG CATCATCCCCTGAAAGATGCGCCA 2868 TCTTTGGTCCTTGGTGTTTACGCG CGCGTAAACACCAAGGACCAAAGA 2869 GAGAACTCCCGCTACAAAGGAGCC GGCTCCTTTGTAGCGGGAGTTCTC 2870 TTAACGTGGGAACCGTTGGTGAAT ATTCACCAACGGTTCCCACGTTAA 2871 GGGACACCATCCTTGGGTTTGTTA TAACAAACCCAAGGATGGTCCC 2872 CAACAAACCGCCTTGGGAAGTGAC GTCACTTCCCAAGGCGGTTTGTTG 2873 TTGAAGGCCACCGATACTGATCGC GCGATCAGTATCGGTGGCCTTCAA 2874 TCGTAATAGAACTGCGCCCAATGC GCATTGGGCGCAACTTCTATTACGA 2875 GGCACGTTGCCCAAGTTGGATCCA TGGATCCAACTTGGGCAACGTGCC 2876 ACATAGCTTGGCCGGACACCCACC GGTGGGTGTCCGGCCAAGCTATGT 2877 CTTGCCGCCTTGCGAGTGGCTAAA TTTAGCCACTCGCAAGGCGGCAAG 2879 AATGGCTCGCCAAGTTTCA TGAAAAGTTCGGCGAGCCCATTT	2861	TCCGAGGAGACTGAACCTGCTACC	GGTAGCAGGTTCAGTCTCCTCGGA
2864 ACGCGTCGATGAACTAAGGCTCGC GCGAGCCTTAGTTCATCGACGCGT 2865 TTCTCCTGACGAGTACGCAGTGGG CCCACTGCGTACTCGTCAGGAGAA 2866 TCCGCGGTTGCCGGTTTGTTAGGA TCCTAACAAACCGGCAACCGCGGA 2867 TGGCGCATCTTTCAGGGGATGATG CATCATCCCCTGAAAGATGCGCCA 2868 TCTTTGGTCCTTGGTGTTTACGCG CGCGTAAACACCCAAGGACCAAAGA 2869 GAGAACTCCCGCTACAAAGGAGCC GGCTCCTTTGTAGCGGGAGTTCTC 2870 TTAACGTGGGAACCGTTGGTGAAT ATTCACCAACGGTTCCCACGTTAA 2871 GGGACACCATCCTTGGGTTTGTTA TAACAAACCCAAGGATGGTCCC 2872 CAACAAACCGCCTTGGGAAGTGAC GTCACTTCCCAAGGCGGTTTGTTG 2873 TTGAAGGCCACCGATACTGATCGC GCGATCAGTATCGGTGGCCTTCAA 2874 TCGTAATAGAACTGCGCCCAATGC GCATTGGGCGAACTTCTATTACGA 2875 GGCACGTTGCCCAAGTTGGATCCA TGGATCCAACTTGGGCAACGTGCC 2876 ACATAGCTTGGCCGGACACCCACC GGTGGGTTCCGCCAAGCTATGT 2877 CTTGCCGCCTTGCGAGTGGCTAAA TTTAGCCACTCGCAAGGCGGCAAGCTATGT 2879 AATGGCTCGCCAGACTTTTCA TGAAAAGTTCGGACACCGCCTTTTG	2862	CGGGGAAGAACGGATTCGCTAAAT	ATTTAGCGAATCCGTTCTTCCCCG
TICTCCTGACGAGTACGCAGTGGG CCCACTGCGTACTCGTCAGGAGAA 2866 TCCGCGGTTGCCGGTTTGTTAGGA TCCTAACAAACCGGCAACCGCGGA 2867 TGGCGCATCTTTCAGGGGATGATG CATCATCCCCTGAAAGATGCGCCA 2868 TCTTTGGTCCTTGGTGTTTACGCG CGCGTAAACACCCAAGGACCAAAGA 2869 GAGAACTCCCGCTACAAAGGAGCC GGCTCCTTTGTAGCGGGAGTTCTC 2870 TTAACGTGGGAACCGTTGGTGAAT ATTCACCAACGGTTCCCACGTTAA 2871 GGGACACCATCCTTGGGTTTGTTA TAACAAACCCAAGGATGGTGCCC 2872 CAACAAACCGCCTTGGGAAGTGAC GTCACTTCCCAAGGCGGTTTGTTG 2873 TTGAAGGCCACCGATACTGATCGC GCGATCAGTATCGGTGGCCTTCAA 2874 TCGTAATAGAACTGCGCCCAATGC GCATTGGGCGCAACGTGCC 2875 GGCACGTTGCCCAAGTTGGATCCA TGGATCCAACTTGGGCAACGTGCC 2876 ACATAGCTTGGCCGGACACCCACC GGTGGGTTCCGCCAAGCTATGT 2877 CTTGCCGCCTTGCGAGTGGCTAAA TTTAGCCACTCGCAAGGCGGCAAG 2879 AATGGCTCCCCAGATACCGCAGCC GGCTGCGGTATCTGGCGAACCCATT	2863	TGGTTAGCTTATGTCGGAGCCACC	GGTGGCTCCGACATAAGCTAACCA
2866 TCCGCGGTTGCCGGTTTGTTAGGA TCCTAACAACCGGCAACCGCGGA 2867 TGGCGCATCTTTCAGGGGATGATG CATCATCCCCTGAAAGATGCGCCA 2868 TCTTTGGTCCTTGGTGTTTACGCG CGCGTAAACACCAAGGACCAAAGA 2869 GAGAACTCCCGCTACAAAGGAGCC GGCTCCTTTGTAGCGGGAGTTCTC 2870 TTAACGTGGGAACCGTTGGTGAAT ATTCACCAACGGTTCCCACGTTAA 2871 GGGACACCATCCTTGGGTTTGTTA TAACAAACCCAAGGATGGTGCCC 2872 CAACAAACCGCCTTGGGAAGTGAC GTCACTTCCCAAGGCGGTTTGTTG 2873 TTGAAGGCCACCGATACTGATCGC GCGATCAGTATCGGTGGCCTTCAA 2874 TCGTAATAGAACTGCGCCCAATGC GCATTGGGCGCAGTTCTATTACGA 2875 GGCACGTTGCCCAAGTTGGATCCA TGGATCCAACTTGGGCAACGTGCC 2876 ACATAGCTTGGCCGGACACCCACC GGTGGGTGTCCGGCCAAGCTATGT 2877 CTTGCCGCCTTGCGAGTGGCTAAA TTTAGCCACTCGCAAGGCGGCAAG 2879 AATGGCTCGCCAGATACCGCAGCC GGCTGCGGTATCTGGCGAGCCATT 2880 CAAAAGGCGTGTCCGAACTTTTCA TGAAAAGTTCGGACACGCCTTTTG	2864	ACGCGTCGATGAACTAAGGCTCGC	GCGAGCCTTAGTTCATCGACGCGT
2867 TGGCGCATCTTTCAGGGGATGATG CATCATCCCCTGAAAGATGCGCCA 2868 TCTTTGGTCCTTGGTGTTTACGCG CGCGTAAACACCAAGGACCAAAGA 2869 GAGAACTCCCGCTACAAAGGAGCC GGCTCCTTTGTAGCGGGAGTTCTC 2870 TTAACGTGGGAACCGTTGGTGAAT ATTCACCAACGGTTCCCACGTTAA 2871 GGGACACCATCCTTGGGTTTGTTA TAACAAACCCAAGGATGGTGTCCC 2872 CAACAAACCGCCTTGGGAAGTGAC GTCACTTCCCAAGGCGGTTTGTTG 2873 TTGAAGGCCACCGATACTGATCGC GCGATCAGTATCGGTGGCCTTCAA 2874 TCGTAATAGAACTGCGCCCCAATGC GCATTGGGCGCAGGTTCTATTACGA 2875 GGCACGTTGCCCAAGTTGGATCCA TGGATCCAACTTGGGCAACGTGCC 2876 ACATAGCTTGGCCGGACACCCACC GGTGGGTGTCCGGCCAAGCTATGT 2877 CTTGCCGCCTTGCGAGTGGCTAAA TTTAGCCACTCGCAAGGCGGCAAG 2879 AATGGCTCGCCAGATACCGCAGCC GGCTGCGGTATCTGGCGAGCCATT	2865	TTCTCCTGACGAGTACGCAGTGGG	CCCACTGCGTACTCGTCAGGAGAA
2868 TCTTTGGTCCTTGGTGTTTACGCG CGCGTAAACACCAAGGACCAAAGA 2869 GAGAACTCCCGCTACAAAGGAGCC GGCTCCTTTGTAGCGGGAGTTCTC 2870 TTAACGTGGGAACCGTTGGTGAAT ATTCACCAACGGTTCCCACGTTAA 2871 GGGACACCATCCTTGGGTTTGTTA TAACAAACCCAAGGATGGTGTCCC 2872 CAACAAACCGCCTTGGGAAGTGAC GTCACTTCCCAAGGCGGTTTGTTG 2873 TTGAAGGCCACCGATACTGATCGC GCGATCAGTATCGGTGGCCTTCAA 2874 TCGTAATAGAACTGCGCCCAATGC GCATTGGGCGCAGTTCTATTACGA 2875 GGCACGTTGCCCAAGTTGGATCCA TGGATCCAACTTGGGCAACGTGCC 2876 ACATAGCTTGGCCGGACACCCACC GGTGGGTGTCCGGCCAAGCTATGT 2877 CTTGCCGCCTTGCGAGTGGCTAAA TTTAGCCACTCGCAAGGCGGCAAG 2879 AATGGCTCGCCAGATACCGCAGCC GGCTGCGGTATCTGGCGAGCCATT 2880 CAAAAGGCGTGTCCGAACTTTTCA TGAAAAGTTCGGACACGCCTTTTG	2866	TCCGCGGTTGCCGGTTTGTTAGGA	TCCTAACAAACCGCCAACCGCGGA
2869 GAGAACTCCCGCTACAAAGGAGCC GGCTCCTTTGTAGCGGGAGTTCTC 2870 TTAACGTGGGAACCGTTGGTGAAT ATTCACCAACGGTTCCCACGTTAA 2871 GGGACACCATCCTTGGGTTTGTTA TAACAAACCCAAGGATGGTGTCCC 2872 CAACAAACCGCCTTGGGAAGTGAC GTCACTTCCCAAGGCGGTTTGTTG 2873 TTGAAGGCCACCGATACTGATCGC GCGATCAGTATCGGTGGCCTTCAA 2874 TCGTAATAGAACTGCGCCCAATGC GCATTGGGCGCAGTTCTATTACGA 2875 GGCACGTTGCCCAAGTTGGATCCA TGGATCCAACTTGGGCAACGTGCC 2876 ACATAGCTTGGCCGGACACCCACC GGTGGGTGTCCGGCCAAGCTATGT 2877 CTTGCCGCCTTGCGAGTGGCTAAA TTTAGCCACTCGCAAGGCGGCAAG 2879 AATGGCTCGCCAGATACCGCAGCC GGCTGCGGTATCTTGCGAACGCCATT 2880 CAAAAGGCGTGTCCGAACTTTTCA TGAAAAGTTCGGACACGCCTTTTG	2867	TGGCGCATCTTTCAGGGGATGATG	CATCATCCCCTGAAAGATGCGCCA
2870 TTAACGTGGGAACCGTTGGTGAAT ATTCACCAACGGTTCCCACGTTAA 2871 GGGACACCATCCTTGGGTTTGTTA TAACAAACCCAAGGATGGTGTCCC 2872 CAACAAACCGCCTTGGGAAGTGAC GTCACTTCCCAAGGCGGTTTGTTG 2873 TTGAAGGCCACCGATACTGATCGC GCGATCAGTATCGGTGGCCTTCAA 2874 TCGTAATAGAACTGCGCCCAATGC GCATTGGGCGCAGTTCTATTACGA 2875 GGCACGTTGCCCAAGTTGGATCCA TGGATCCAACTTGGGCAACGTGCC 2876 ACATAGCTTGGCCGGACACCCACC GGTGGGTGTCCGGCCAAGCTATGT 2877 CTTGCCGCCTTGCGAGTGGCTAAA TTTAGCCACTCGCAAGGCGGCAAG 2879 AATGGCTCGCCAGATACCGCAGCC GGCTGCGGTATCTGGCGAGCCATT 2880 CAAAAGGCGTGTCCGAACTTTTCA TGAAAAGTTCGGACACGCCTTTTG	2868	TCTTTGGTCCTTGGTGTTTACGCG	CGCGTAAACACCAAGGACCAAAGA
2871 GGGACACCATCCTTGGGTTTGTTA TAACAAACCCAAGGATGGTGTCCC 2872 CAACAAACCGCCTTGGGAAGTGAC GTCACTTCCCAAGGCGGTTTGTTG 2873 TTGAAGGCCACCGATACTGATCGC GCGATCAGTATCGGTGGCCTTCAA 2874 TCGTAATAGAACTGCGCCCAATGC GCATTGGGCGCAGTTCTATTACGA 2875 GGCACGTTGCCCAAGTTGGATCCA TGGATCCAACTTGGGCAACGTGCC 2876 ACATAGCTTGGCCGGACACCCACC GGTGGGTGTCCGGCCAAGCTATGT 2877 CTTGCCGCCTTGCGAGTGGCTAAA TTTAGCCACTCGCAAGGCGGCAAG 2879 AATGGCTCGCCAGATACCGCAGCC GGCTGCGGTATCTGGCGAGCCATT 2880 CAAAAGGCGTGTCCGAACTTTTCA TGAAAAGTTCGGACACGCCTTTTG	2869	GAGAACTCCCGCTACAAAGGAGCC	GGCTCCTTTGTAGCGGGAGTTCTC
2872 CAACAAACCGCCTTGGGAAGTGAC GTCACTTCCCAAGGCGGTTTGTTG 2873 TTGAAGGCCACCGATACTGATCGC GCGATCAGTATCGGTGGCCTTCAA 2874 TCGTAATAGAACTGCGCCCAATGC GCATTGGGCGCAGTTCTATTACGA 2875 GGCACGTTGCCCAAGTTGGATCCA TGGATCCAACTTGGGCAACGTGCC 2876 ACATAGCTTGGCCGGACACCCACC GGTGGGTGTCCGGCCAAGCTATGT 2877 CTTGCCGCCTTGCGAGTGGCTAAA TTTAGCCACTCGCAAGGCGGCAAG 2879 AATGGCTCGCCAGATACCGCAGCC GGCTGCGGTATCTGGCGAGCCATT 2880 CAAAAGGCGTGTCCGAACTTTTCA TGAAAAGTTCGGACACGCCTTTTG	2870	TTAACGTGGGAACCGTTGGTGAAT	ATTCACCAACGGTTCCCACGTTAA
2873 TTGAAGGCCACCGATACTGATCGC GCGATCAGTATCGGTGGCCTTCAA 2874 TCGTAATAGAACTGCGCCCAATGC GCATTGGGCGCAGTTCTATTACGA 2875 GGCACGTTGCCCAAGTTGGATCCA TGGATCCAACTTGGGCAACGTGCC 2876 ACATAGCTTGGCCGGACACCCACC GGTGGGTGTCCGGCCAAGCTATGT 2877 CTTGCCGCCTTGCGAGTGGCTAAA TTTAGCCACTCGCAAGGCGGCAAG 2879 AATGGCTCGCCAGATACCGCAGCC GGCTGCGGTATCTGGCGAGCCATT 2880 CAAAAGGCGTGTCCGAACTTTTCA TGAAAAGTTCGGACACGCCTTTTG	2871	GGGACACCATCCTTGGGTTTGTTA	TAACAAACCCAAGGATGGTGTCCC
2874 TCGTAATAGAACTGCGCCCAATGC GCATTGGGCGCAGTTCTATTACGA 2875 GGCACGTTGCCCAAGTTGGATCCA TGGATCCAACTTGGGCAACGTGCC 2876 ACATAGCTTGGCCGGACACCCACC GGTGGGTGTCCGGCCAAGCTATGT 2877 CTTGCCGCCTTGCGAGTGGCTAAA TTTAGCCACTCGCAAGGCGGCAAG 2879 AATGGCTCGCCAGATACCGCAGCC GGCTGCGGTATCTGGCGAGCCATT 2880 CAAAAGGCGTGTCCGAACTTTTCA TGAAAAGTTCGGACACGCCTTTTG	2872	CAACAAACCGCCTTGGGAAGTGAC	GTCACTTCCCAAGGCGGTTTGTTG
2875 GGCACGTTGCCCAAGTTGGATCCA TGGATCCAACTTGGGCAACGTGCC 2876 ACATAGCTTGGCCGGACACCCACC GGTGGGTGTCCGGCCAAGCTATGT 2877 CTTGCCGCCTTGCGAGTGGCTAAA TTTAGCCACTCGCAAGGCGGCAAG 2879 AATGGCTCGCCAGATACCGCAGCC GGCTGCGGTATCTGGCGAGCCATT 2880 CAAAAGGCGTGTCCGAACTTTTCA TGAAAAGTTCGGACACGCCTTTTG	2873	TTGAAGGCCACCGATACTGATCGC	GCGATCAGTATCGGTGGCCTTCAA
2876 ACATAGCTTGGCCGGACACCCACC GGTGGGTGTCCGGCCAAGCTATGT 2877 CTTGCCGCCTTGCGAGTGGCTAAA TTTAGCCACTCGCAAGGCGGCAAG 2879 AATGGCTCGCCAGATACCGCAGCC GGCTGCGGTATCTGGCGAGCCATT 2880 CAAAAGGCGTGTCCGAACTTTTCA TGAAAAGTTCGGACACGCCTTTTG	2874	TCGTAATAGAACTGCGCCCAATGC	GCATTGGGCGCAGTTCTATTACGA
2877 CTTGCCGCCTTGCGAGTGGCTAAA TTTAGCCACTCGCAAGGCGGCAAG 2879 AATGGCTCGCCAGATACCGCAGCC GGCTGCGGTATCTGGCGAGCCATT 2880 CAAAAGGCGTGTCCGAACTTTTCA TGAAAAGTTCGGACACGCCTTTTG	2875	GGCACGTTGCCCAAGTTGGATCCA	TGGATCCAACTTGGGCAACGTGCC
2879 AATGGCTCGCCAGATACCGCAGCC GGCTGCGGTATCTGGCGAGCCATT 2880 CAAAAGGCGTGTCCGAACTTTTCA TGAAAAGTTCGGACACGCCTTTTG	2876	ACATAGCTTGGCCGGACACCCACC	GGTGGGTGTCCGGCCAAGCTATGT
2880 CAAAAGGCGTGTCCGAACTTTTCA TGAAAAGTTCGGACACGCCTTTTG	2877	CTTGCCGCCTTGCGAGTGGCTAAA	TTTAGCCACTCGCAAGGCGGCAAG
	2879	AATGGCTCGCCAGATACCGCAGCC	GGCTGCGGTATCTGGCGAGCCATT
2881 CGTCCACTTAGGTGGAGATACGCC GGCGTATCTCCACCTAAGTGGACG	2880	CAAAAGGCGTGTCCGAACTTTTCA	TGAAAAGTTCGGACACGCCTTTTG
	2881	CGTCCACTTAGGTGGAGATACGCC	GGCGTATCTCCACCTAAGTGGACG

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2882	GAGCCTCTTCGTCCTGAAGACCGA	TCGGTCTTCAGGACGAAGAGGCTC
2883	AACATCAAGCGGCAATCTCCCTTC	GAAGGAGATTGCCGCTTGATGTT
2884	CGTCCTGACATTATTAGCGCGTGC	GCACGCGCTAATAATGTCAGGACG
2885	TGTGCAGACCCTAACGACCTACGG	CCGTAGGTCGTTAGGGTCTGCACA
2886	TTAGGTCGGCCTAGACCCTCCGTA	TACGGAGGGTCTAGGCCGACCTAA
2887	TCACATCGCTTAACTGAGCGCATT	AATGCGCTCAGTTAAGCGATGTGA
2888	AGACCTTCCCACGCGAGATGCTAC	GTAGCATCTCGCGTGGGAAGGTCT
2889	TTCTTGCCAAAATGTGTCCAACCA	TGGTTGGACACATTTTGGCAAGAA
2890	CAGTTTTCATTGCAGCGAAAGCAA	TTGCTTTCGCTGCAATGAAAACTG
2891	GTGCCGATCCCGAGACAAGTTCCG	CGGAACTTGTCTCGGGATCGGCAC
2892	CATCCGGCCTCAGTGATTCTTACC	GGTAAGAATCACTGAGGCCGGATG
2893	TGCTGGAAGCCACAAACGTTACGT	ACGTAACGTTTGTGGCTTCCAGCA
2894	GAACGGCCAGGGGACAACTATCGT	ACGATAGTTGTCCCCTGGCCGTTC
2895	TCATCTAGGTCGAAGCGCAAGACA	TGTCTTGCGCTTCGACCTAGATGA
2896	TTTGGTTACCAGCACCCATGTTCC	GGAACATGGGTGCTGGTAACCAAA
2897	GACAACAGTCTGTCCGCCACATCC	GGATGTGGCGGACAGACTGTTGTC
2898	GCCAACAGGAGATGCTTGCACCAT	ATGGTGCAAGCATCTCCTGTTGGC
2899	CTAAGGACGCATTGACCCCTGAAC	GTTCAGGGGTCAATGCGTCCTTAG
2900	GGTCGCGTAGTGAGTCAGAGGCGT	ACGCCTCTGACTCACTACGCGACC
2901	TTACCTCATGAACCCTTCGCGGCG	CGCCGCGAAGGGTTCATGAGGTAA
2902	TATACAGCATCGTCGCCGGGCATA	TATGCCCGGCGACGATGCTGTATA
2903	GCTTAGTGGCGTCTTCGTCGTAGG	CCTACGACGAAGACGCCACTAAGC
2904	TGCACTCCGCAACCTTGTGAAATC	GATTTCACAAGGTTGCGGAGTGCA
2905	AACCCGTCATGCCGACTCCATCTA	TAGATGGAGTCGGCATGACGGGTT
2906	AGCACTAGTGGCGTGCGACTTTGC	GCAAAGTCGCACGCCACTAGTGCT
2907	TAAAAAGTGCCGCTAACCACGGAG	CTCCGTGGTTAGCGGCACTTTTTA
2908	CGCGGAATATTTGTCGTCCGATTC	GAATCGGACGACAAATATTCCGCG
2909	TTCTGCTATGCGTATGGGGGCCCG	CGGGCCCCATACGCATAGCAGAA
2910	CGAACTACTGCGTCAGCCTCTCCC	GGGAGAGGCTGACGCAGTAGTTCG
2911	AGATGACGAATTAGCGGGGTTGGG	CCCAACCCCGCTAATTCGTCATCT
2912	AATAACAGTGGCAATGAGCGGGAA	TTCCCGCTCATTGCCACTGTTATT
2913	ATATGTTGATTCCCGTGCTGCACA	TGTGCAGCACGGGAATCAACATAT
2914	AGAGTGGGCACCACCAGGCAGACA	TGTCTGCCTGGTGGTGCCCACTCT
2915	AGGCCTGGGTTTCTGCGTCTTAGT	ACTAAGACGCAGAAACCCAGGCCT
2917	CGGACGTGACAAACGGACATACCC	GGGTATGTCCGTTTGTCACGTCCG
2918	CAAGTGTTTCGGCCCAACTCTCGA	TCGAGAGTTGGGCCGAAACACTTG
2919	GAACCCTTATCGGGATAGGCCCAA	TTGGGCCTATCCCGATAAGGGTTC
2920	CAGGACGATACCAAGCAGAACGCC	GGCGTTCTGCTTGGTATCGTCCTG

2921	GCGTCTTGTGATTCTGCCCTAACC	GGTTAGGGCAGAATCACAAGACGC
2922	AAACAACCATCAATGTCGGGTCCA	TGGACCCGACATTGATGGTTGTTT
2923	TGTAAGACCAGTTGGCGGCTCTC	GAGAGCCGCCAACTGGTCTTTACA
2924	GCGTTTGACTCGGTGGTCAGTCC	GGACTGACCACCGAGTCAAAACGC
2925	TGTATGGAGGCACGGCAAAGTCTT	AAGACTTTGCCGTGCCTCCATACA
2926	TTACCTAGGTTCCCGCTGACACGC	GCGTGTCAGCGGGAACCTAGGTAA
2927	CGGCTCGTGGGAATCCTCTGAAGA	TCTTCAGAGGATTCCCACGAGCCG
2928	CCGCTCGGCATTTCTTGGACCT	AGGTCCAAGAAATGCCCGAGCCGG
2929	CAACGATGGAATTGTCTCCTTGGG	CCCAAGGAGACAATTCCATCGTTG
2930	CGGGCTATTATCGGGATTATGGGG	CCCATAATCCCGATAATAGCCCG
2931	ACGTACCTGAAGATGCAACGGCGG	CCGCCGTTGCATCTTCAGGTACGT
2932	CATGGTGCAGCACGCACAAGTAAC	GTTACTTGTGCGTGCTGCACCATG
2933	CGTCGATATGTCGGGCTATTGCCT	AGGCAATAGCCCGACATATCGACG
2934	AAATGCAGGGTTAAGAGGAGGCCC	GGGCTCCTCTTAACCCTGCATTT
2935	TGCAAGGACTGATTCTCCCGCTGT	ACAGCGGGAGAATCAGTCCTTGCA
2936	GTTTTCGGAACGCCGCAGAGTTCA	TGAACTCTGCGGCGTTCCGAAAAC
2937	CCCTCGATGGTTCATTGGGAAGAC	GTCTTCCCAATGAACCATCGAGGG
2938	CCTGTTCGCTCATAATGGTGGGGT	ACCCCACCATTATGAGCGAACAGG
2939	GAAAGAACGATCGCGGAATAGCTG	CAGCTATTCCGCGATCGTTCTTTC
2940	TCCACCTGTGTGCCTTTATCCTCA	TGAGGATAAAGGCACACAGGTGGA
2941	TCCTCCGTGAACCGCTGTAGCGCA	TGCGCTACAGCGGTTCACGGAGGA
2943	TTGAGATTTTTACGGTTTCCCCGC	GCGGGAAACCGTAAAAATCTCAA
2944	CGATAGGACGTGGGCATGTCCCAG	CTGGGACATGCCCACGTCCTATCG
2945	CCCGAACTTTGAGATCCGAGAACA	TGTTCTCGGATCTCAAAGTTCGGG
2946	TCACGCAGCTAGAGTCGCGTTACC	GGTAACGCGACTCTAGCTGCGTGA
2947	AGATAACGCCCACTGACGACATGC	GCATGTCGTCAGTGGGCGTTATCT
2948	ACGCTTAGAGCTCCGATGCCGAAT	ATTCGGCATCGGAGCTCTAAGCGT
2949	GGGCGATAACTTAAATTGTGCCGC	GCGGCACAATTTAAGTTATCGCCC
2950	AGGACGTTCATGCGTCTCTTTGCA	TGCAAAGAGACGCATGAACGTCCT
2951	CGGCTGGTAGAACTGTGCATCGTA	TACGATGCACAGTTCTACCAGCCG
2952	TTCGAAATGTACTTCCCACGCGGA	TCCGCGTGGGAAGTACATTTCGAA
2953	GCAGGTTGGCTGTCTTGTGGAGTC	GACTCCACAAGACAGCCAACCTGC
2954	CGTTTGGTTGCTTCAAGAACCGGT	ACCGGTTCTTGAAGCAACCAAACG
2955	CATACTTGGTTGTTGTGCCCACGC	GCGTGGGCACAACAACCAAGTATG
2956	GGGGTCGGCTGAAGTGTTTTATCC	GGATAAAACACTTCAGCCGACCCC
2957	GTGACGGTTGATTAACGACCGTGG	CCACGGTCGTTAATCAACCGTCAC
2958	CTTATGGCAGCGCCAGGGGCACTC	GAGTGCCCCTGGCGCTGCCATAAG
2959	GTTAGGGGACCCACCTCGTTTGAT	ATCAAACGAGGTGGGTCCCCTAAC

2960 CAATATAAATGCCGCGCATTGAGT 2961 TITCTICATCAGCAGTCCCGAGAA TITCTCGGGGACTGCTGATGAAGAA 2962 AGTTGCGTCCCTTGATGGCATTIT AAAATGCCATCAAGGGACGCAACT 2963 CCGACTTTGTCGTCCACGATTCTTCT AGAGGACTGCTGATGAGAACA 2964 ACTTGGCCGGACGACAGCAAAGAC GTCTTTGCTGTCCACGACGAAGT 2965 CACCGCGGTAGAATGATCCTTCC GGAAGGGATACATCTACCGCGGTG 2966 GTTAGCTTTAGCTCGCACGCCTG CAGGCGTGCCGAGCTAAAGCCTAC 2967 GCGCATAAGAAGGTCCGCTAAAGC GCTTTAGCGGACCTTATTGCGC 2968 ACATCATCACGCCTGGCGTGAACCA TGGTCACGCCAGGCGTGATGATGTT 2969 CCGGCGAAGTTTGGTGTGATTAGA TCTAATCACACCAAACTTCGCCGG 2971 TGCACCGCCAGATTGTGCTGAGTC GACTCACACACATCTGCCCGG 2972 ACATGGAAGTGAGTCCGCTAAAGC TGGTCACGCCAGGCGTGATGATGT 2973 ACATGTGAAGTGAGTCCGCCAAA TTGGACGCAGCGTGACATTTGCGCGG 2974 CAATAGCCATGACGCAGCCGTCAA TTGGACGCACACATCTGCCCGG 2975 ACCCATGGTTCCACACGCT AGCGCAGCACATCTCCCCCAGAGG 2976 AATCTGGCACGCAACGCCAACACACACACACACACACTTCACATGT 2977 GTATACCGGTGCAACACACGC CCGTTGCCAGAGGT 2978 AATCTGGTCTTGCATCTCCACAACTTTCCCCCGGAACACACAC			
2962 AGTTGCGTCCTTGATGGCATTTT AAAATGCCATCAAGGGACGCAACT 2963 CCGACTTTCGTCCACGATTCCTCT AGAGGAATCGTGGACGAAAGTCGG 2964 ACTTGGCCGGACGACAGCAAAGAC GTCTTTGCTGTCGTCCGGCCAAGT 2965 CACCGCGGTAGATGTATCCCTTCC GGAAGGGATACATCTACCGCGGTG 2966 GTTAGCTTTAGCTCGGCACGCCTG CAGGCGTGCCGAGCTAAAGCTAAC 2967 GCGCATAAGAAGAGCTCCGCTAAAGC GCTTTAGCGGACCTTCTTATTGCGC 2968 ACATCATCACGCCTGGCTGAACCA TGGTCACGCAGCTTATTGCGC 2969 CCGGCGAAGTTTGGTGTGATTAGA TCTAACCACCAAACTTCGCCGG 2971 TGCACCGCCAGATTGTGCTGAGTC GACCCACAACTTCGCCGG 2972 ACATGTGAAGTGGTCTGAGTC GACCCACAACTTCGCCGG 2973 ACATGTGAAGTGGTCGAGTC GACCCACAACTTCACATGCACTCACTTCACATGT 2974 CAATAGCCATGTCACTGGCAACGC CCTTTGCCAGTGCAAACCACACTTCACATGC 2975 ACCCATGGTTCAACGGCACGCC CCAGGCCTAATCCACTCACAGG 2976 AATCTGGCTTGCAACGGTCAAA TTTGGACGCACACACTTCACATGG 2977 GTATACCGGTGCAACACGACGC CCGTTGCCAGTGAACACGGT 2978 AGTGTTCTGGCAACCACACGACGC CCGTTGCCAGTGAACACGGT 2979 GTATACCGGTGCATGCTCAAA TTTGGAGGACCCAGAACCAGACCACGATT 2977 GTATACCGGTGCATGCACCAC CGGGTCGACATGCACAGACCAGAACCAC 2978 AGTGTTCTGGATTCGACCACC CGGGTCGACCTGAACACACACACCACAC	2960	CAATATAAATGCCGCGCATCGAGT	ACTCGATGCGCGGCATTTATATTG
2963 CCGACTTTCGTCCACGATTCCTCT AGAGGAATCGTGGACGAAAGTCGG 2964 ACTTGGCCGGACGACAGCAAAGAC GTCTTTGCTGTCGTCCGGCCAAGT 2965 CACCGCGGTAGATGTATCCCTTCC GGAAGGGATACATCTACCGCGGTG 2966 GTTAGCTTTAGCTCGGCACGCCTG CAGGCGTGCCGAGGCTAAAGCTAAC 2967 GCGCATAAGAAGGTCCGCTAAAGC GTTTTAGCGGACCTTCTTATAGCG 2968 ACATCATCACGCCTGGCGTGACCA TGGTCACGCAGGCTTCTTATAGCG 2969 CCGCCGAACTTTGGTGTGATTAGA TCTAATCACACCAAACTTCGCCGG 2969 CCGCCGAACTTTGGTGTGATTAGA TCTAATCACACCAAACTTCGCCGG 2971 TGCACCGCCAGATTGTGCTGAGTC GACTCAGCACAACTTCGCCGG 2972 ACATGTGAAGTGGCTGAGTC GACTCAGCACAACTTCGCCGG 2973 CCTCTGGAGGGGATTAGCCACGCT AGGGTGCTAATCCCCTCCAGAGG 2974 CAATAGCCATGTCACTGGCAACGC CCGTTGCCAGTGACATGGCTATTC 2975 ACCCATGGTCCAACGTTCTTCG CGAAAGAACGTTGGAACCATGGGT 2976 AATCTGGTCCAACGTTCTTCG CGAAAGAACGTTGGAACCATGGGT 2977 GTATACCGGTGCATGTCCTCCAAA TTTGGAGGATGCACATGGGT 2978 AGTGTTCTGGATCCTCCAAA TTTGGAGGATGCCAGCACAACTT 2979 CGGGTATTCGACACACGACACACACGAGAC 2980 AGTGTTCGGACACACACACACGAGGAC 2980 AGTGCAACAACACACACACACACGAGAC 2981 TGCACCATAGTTTGGTCACC CGGGTCGACTCGAACCAGAACACT 2982 TGCTCACGTACCAAGACCACCACGAGC 2983 AGTCCACCACACACACACACACACGC 2984 CGCCGACCTAACCTTGGACCAC 2985 GCCTAAGGGCTTTGGTCACC CGTGACCAAACCACTAGGTGCA 2986 TGTCACGTACCAGGACACTCGAC 2987 CACCGGCACCAAACTATAGGTGCA 2988 AGTCCACCACCAGGACACTCGAC 2980 AGTGCAACACACCACGACACCACGCG 2980 AGTGCAACACACCACGACACCCG 2980 AGTGCAACACACCACGACGCG CGCCTGTCGTTCGAGCAC 2981 TGCACCTATAGTTTGGTCACC CGGCACCAAACCATAAGGTGCA 2982 TGCTCACGTACCAGGACACTCGAC 2983 AGTCCACCACTCGAACACACACACGCG 2984 CGCCGACCTGGTCAAAGAGCGCT ATAGCGTCGAGCA 2985 GCCTAAGGGCCTTCGTTTTCCGA TCGGACAACACACACACCACAC	2961	TTCTTCATCAGCAGTCCCCGAGAA	TTCTCGGGGACTGCTGATGAAGAA
2964 ACTIGGCCGGACGACAGCAAAGAC 2965 CACCGCGTAGATGTATCCCTTCC GGAAGGGATACATCTACCGCGTG 2966 GTTAGCTTTAGCTCGGCACGCCTG CAGGCGTGCCGAGCTAAAGCTAAC 2967 GCGCATAAGAAGGTCCGCTAAAGC 2968 ACATCATCACCCCTGGCGTGACCA TGGTCACGCAGGCGTAGATGTT 2969 CCGGCGAAGTTTGGTGTGATTAGA TCTAATCACACCAAACTTCGCCGG 2968 ACATCATCACGCCTGGCGTGACCA TGGTCACGCACAACCTTCGCCGG 2971 TGCACCGCCAGATTTGTGCTGAGTC GACTCACCACAAACTTCGCCGG 2972 ACATGTGAAGTGAGTCCCAA TTGGACGCAAACTTCGCCGG 2973 CCTCTGGAGGGGATTAGCCACGCT AGCGTGCAAACCTTCACATGT 2973 CCTCTGGAGGGGATTAGCCACGCT AGCGTGCCAGTCACCTCCACAGG 2974 CAATAGCCATGTCACTGCCAACG TTTGGACGCACAACCTTCACATGT 2975 ACCCATGGTTCACTGCAACGG CCGTTGCCAGTAACCATGGTCATTC 2976 AATCTGGTCTCAACGTTCTTTCG CGAAAGAACGTTGGAACCATGGT 2977 GTATACCGGTGCATGCACCACAACTTTGAACCAGGT 2978 AGTGTTCTGGCATCCTCCAAA TTTGGAGGATGCCACAGACTATGC 2979 CGGGTATTCGACTGCAACACACCACGAGAC 2980 AGTGCAACAACACACACAGAGAC 2980 AGTGCAACAACACACACACGAGGAC CTCCACCAGACCAACCTTGCACCCG 2980 AGTGCAACACACACACACGAGGAC CTCCACCAACCTATAGCTCCCC 2981 TGCACCTATAGTTTGGTCCACG CTGAACCAAACCATTAGGTGCACC 2982 TGCTCACGAACCACCACGAGACC CTCGAGTCCTCGAACCAACTATAGGTGCAC 2983 AGTCCACACCACGAGACACTCGAC CTCGAGTGTCCTCGGAACCAACTATAGGTGCAC 2984 CGCCGACCTACCAAGACACACTCGAC CTCGAGTGTCCTGGAACCACACCAC	2962	AGTTGCGTCCCTTGATGGCATTTT	AAAATGCCATCAAGGGACGCAACT
2965 CACCGCGGTAGATGTATCCCTTCC GGAAGGGATACATCTACCGCGGTG 2966 GTTAGCTTTAGCTCGGCACGCCTG CAGGCGTGCCGAGCTAAAGCTAAC 2967 GCGCATAAGAAGGTCCGCTAAAGC GCTTTAGCGGACCTTCTTATGCGC 2968 ACATCATCACGCCTGGCGTGACCA TGGTCACGCCAGGCGTGATGATGT 2969 CCGGCGAAGTTTGGTGTTGATTAGA TCTAATCACACCCAAACTTCGCCGG 2971 TGCACCGCCAGATTGTGCTGAGTC GACTCACACACACTTCGCCGG 2972 ACATGTGAAGTGAGTCCACAA TTGGACGCACAACTTCGCCGG 2973 CCTCTGGAGGGGATTAGCCACCAA TTGGACGGCACCACATCTCACATGT 2973 CCTCTGGAGGGGATTAGCCACCCT AGCGTGGCTAATCCCCTCCAGAGG 2974 CAATAGCCATGTCACTGCCACACGC CCGTTGCCAGTGACACTCCTCCAGAGG 2975 ACCCATGGTTCCACGGCACCGC CGAAAGAACGTTGGACCTCACTTG 2976 AATCTGGTCTTGCACTGCAACAC CCGTTGCCAGTGACCAGACCA	2963	CCGACTTTCGTCCACGATTCCTCT	AGAGGAATCGTGGACGAAAGTCGG
2966 GTTAGCTTTAGCTCGGCACGCCTG CAGGCGTGCCGAGCTAAAGCTAAC 2967 GCGCATAAGAAGGTCCGCTAAAGC GCTTTAGCGGACCTTCTTATGCGC 2968 ACATCATCACGCCTGGCGTGACCA TGGTCACGCCAGGCGTGATGATGT 2969 CCGGCGAAGTTTGGTGTATTAGA TCTAATCACACCAAACTTCGCCGG 2971 TGCACCGCCAGATTGTGCTGAGTC GACTCAGCACAACTTCGCCGG 2972 ACATGTGAAGTGACGCCTCCAA TTGGACGCACCATCACTTCACATGT 2973 CCTCTGGAGGGGATTAGCCACGCT AGCGTGCAATCCCCTCCAGAGG 2974 CAATAGCCATGTCACTGGCAACGG CCGTTGCCAGTGCAATGCCACTCACTTCACATGT 2975 ACCCATGGTCCAACGTCTTTCG CGAAAGAACACTTGGCAGTGCTATTG 2976 AATCTGGTTCCAACGTTCTTTCG CGAAAGAACCTTGGAACCATGGGT 2977 GTATACCGGTGCATGCTGAAGCAA TTTGGAGGAACCATGGGT 2978 AGTGTTCTGGCATCCTCAAA TTTGGAGGATCCACGGGTATAC 2979 CGGGTATTCGACTGCACCCG CGGGTCGACCAGACCAGA	2964	ACTTGGCCGGACGACAGCAAAGAC	GTCTTTGCTGTCGTCCGGCCAAGT
2967 GCGCATAAGAAGGTCCGCTAAAGC GCTTTAGCGGACCTTCTTATGCGC 2968 ACATCATCACGCCTGGCGTGACCA TGGTCACGCCAGGCGTGATGATGT 2969 CCGGCGAAGTTTGGTGTGATTAGA TCTAATCACACCAAACTTCGCCGG 2971 TGCACCGCCAGATTGTGCTGAGTC GACTCAGCACAATCTGGCGGTGCA 2972 ACATGTGAAGTGAGTGCCGTCCAA TTGGACGGACAATCTGGCGGTGCA 2973 CCTCTGGAGGGGATTAGCACACGT AGCGTGCAATCCCCTCCAGAGG 2974 CAATAGCCATGTCAACTGGCAACGG CCGTTGCCAGTGACATGGCTATTC 2975 ACCCATGGTTCCAACGTTCTTTCG CGAAAGAACGTTGGACACTGGTTATTG 2976 AATCTGGTTCCAACGTTCTTTCG CGAAAGAACGTTGGACCATGGGT 2977 GTATACCGGTGCAACGA TTTGCACACGGT 2978 AGTGTTCTGGCAACCA TTTGCACACGGTACCACGGACCAGATT 2979 CGGGTATTCGACACCACGAGACCACGACCACACCACGACCACACCACACCAC	2965	CACCGCGGTAGATGTATCCCTTCC	GGAAGGGATACATCTACCGCGGTG
2968 ACATCATCACGCCTGGCGTGACCA 2969 CCGGCGAAGTTTGGTTGATTAGA 2969 TGCACCGCCAGATTTGGTGTGATTAGA 2971 TGCACCGCCAGATTGTGCTGAGTC 2972 ACATGTGAAGTGAGTCCGACCACATCTGGCGGTGCA 2973 CCTCTGGAGGGGATTAGCCACGCT 2974 CAATAGCCATGTCACTGGCAACGCCCACATCCCCCCAGAGG 2975 ACCCATGGTCACTGGCAACGG 2976 CAATAGCCATGTCACTGGCAACGG 2977 ACATCGGCTGCCAACGGCCTCCACATTGGACCACATCTGCACTTG 2976 AATCTGGTTCCAACGTTCTTTCCCCCCCAGAGG 2977 GTATACCGGTGCAACGGCACCGCT 2978 AGTGTTCCAACGTTCTTCCCCCAACACCCGGTATAC 2979 CGGGTATTCCAACGTTCTTCCCCCCACACCCGGTATAC 2978 AGTGTTCTGGCATCCTCCAAA 2978 AGTGTTCTGGCATCCTCCAAA 2979 CGGGTATTCGACACACACCAGAGAC 2980 ACTGCAACACACCAGAGGAC 2980 ACTGCAACACACCAGAGGAC 2981 TGCACCTATAGTTTGGTCACGC 2982 TGCTCACGTACCACGACCACCGGTGCACCACACACTACACCAGACCAC 2983 AGTCCACACCTCGAACGACGACC 2984 CGCCGACCTGGACCACACACACGCGCC 2985 GCCTAAGGGCCTTGGTTCCGA 2986 TGTGCGTCCTAAAGAGCGCTA 2987 CAACCCTTGGAACGACACACGCGCC 2986 TGTGCGTCCTTATGTTTCCGA 2986 TGTGCGTCCTTATGTTCCGACCCCCCCCCCCCCCCCCCC	2966	GTTAGCTTTAGCTCGGCACGCCTG	CAGGCGTGCCGAGCTAAAGCTAAC
2969 CCGGCGAAGTTTGGTGTGATTAGA 2971 TGCACCGCCAGATTGTGCTGAGTC 2972 ACATGTGAAGTGAGTGCCGTCCAA 2973 CCTCTGGAGGGGATTAGCCACGCT 2974 CAATAGCCATGTCACTGCAACGCCACATCCCCTCCAGAGG 2974 CAATAGCCATGTCACTGGCAACGG 2975 ACCCATGTCACAGGTTCTTTCG 2976 AATCTGGTCTGCAACGTTCTTTCG 2976 AATCTGGTCTGCAACGTTCTTTCG 2977 GTATACCGGTGCAACGAACCACATTTGAACCAGATTCCCCTCCAGAGG 2978 AGCGTTGCAACGTTCTTTCG 2978 AGTGTTCTGGTCAGAGCAAC 2979 CCGGTTCCAACGTTCTTAGACCCCG 2979 CGGGTATTCGACACCAGACCACACCAGACCAGATT 2979 CCGGTATTCGAACCACACAGAGGAC 2980 AGTGCAACAGAGGAC 2981 TGCACCACACACAGAGGAC 2982 TGCTCACGTACCAGAGCAAC 2982 TGCTCACGTACCAGACACACACAGAGCAC 2983 AGTCCACACCTCGAACACACACAGGGC 2984 CGCCGACCTGGTCAAGACAA 2985 GCCTAAGGGCCTTGGTCACG 2986 TGTGCGTCCTGAACGACAGACCACACACACCACACCACA	2967	GCGCATAAGAAGGTCCGCTAAAGC	GCTTTAGCGGACCTTCTTATGCGC
2971 TGCACCGCCAGATTGTGCTGAGTC GACTCAGCACAATCTGGCGGTGCA 2972 ACATGTGAAGTGAGTGCCGTCCAA TTGGACGGCACTCACTTCACATGT 2973 CCTCTGGAGGGGATTAGCCACGCT AGCGTGGCTAATCCCCTCCAGAGG 2974 CAATAGCCATGTCACTGGCAACGG CCGTTGCCAGTGACATGGCTATTG 2975 ACCCATGGTTCCAACGTTCTTTCG CGAAAGAACGTTGGAACCATGGGT 2976 AATCTGGTCTTGGCATCCTCCAAA TTTGGAGGATGCCAAGACCAGATT 2977 GTATACCGGTGCATGCTGAAGCAA TTGCTTCAGCATGCACCGGTATAC 2978 AGTGTTCTGGTTCGAGTCGACCCG CGGGTCGACTCGAACCAGACCAT 2979 CGGGTATTCGACACACACAGAGGAC GTCCTCGTAGTGTCGAATACCCG 2980 AGTGCAACAGAGCGCTTGGTCACG CGTGACCAAGCGCTCTGTTGCACT 2981 TGCACCTATAGTTTGGTGCCGGTG CACCGGCACCAAACTATAGGTGCA 2982 TGCTCACGTACCAGGACACTCGAG CTCGAGCAACCATATAGGTGCA 2983 AGTCCACACCTCGAACCACAGGCG CGCCTGTCGTTCGAGCA 2984 CGCCGACCTGGTCAACAGACGCCTA TAGCGCTCTTTGACCACT 2985 GCCTAAGGGCCTGTGTTTCCGA TAGCGCTCTTTGACCACT 2986 TGTGCGTCAAAGAACGCTA TAGCGCTCTTTGACCACGCCC 2987 CAACCGTTGGCCGTACAAAAAATC GATTTTGTTACGACCACCACAC 2987 CAACCGTTGGCCGTACAAAAAATC GATTTTGTTACGGCCAACGCACC 2988 CGAGAATCAAGGCGTACCATCTCG CGAGACCGAACACACCCACA 2987 CAACCGTTGGCCGTAACAAAAATC GATTTTGTTACGGCCAACGCACA 2989 CGAGAATCAAGGCGTACCATCTCG CGAGACCGCAACCGTTGGTC 2989 CGAGAATCAAGGCGTACCATCTCG CGAGACGGAACCTTAAGCACCCACA 2989 CAGCGTAGGCAGCCTCCAGGGAATGG CCATTCCCTGGAGGCTGCCTTACGC 2990 GATGGTGTTTTCCCCAAGACCAAT ATTGGTCTTGGCGAAAACACCATC 2991 CAAGCTAGGGACAGAACCATTCTGC CGAGATGGTACCCCTTTGATTCTCG 2992 TAAATAGGCGAAACCGTTCGTGGC GCCACCGAACGGTTTCCCCTACGCT 2991 CAAGCTAGGGACAGAACCGTTCGTGGC GCCACCGAACGGTTTCGCCTATTTA 2993 TCAAGACCCGCAATGGTTCATGT ACATGAACACACTTCGCGCTATTTA 2994 GCGGCTGGTAGACCAACCGACCGCCAACCGCCCACGCCCACGGCTTGATCCCCTAGCTTGATCCCCTAGCTTGATCCCCTAGCTTGATCCCCTAGCCCGC 2995 CAGGCTGAAACCAACCGATCATCTCT ACATGAACACACTTCGCGGTTTTTACGCCTAGCTTGATCCCCTAGCTTGATCCCCTAGCTTGATCCCCTAGCTTGATCCCCTAGCTTGATCCCCTAGCTTGATCCCCTAGCTTGATCCCCTAGCCCGCCC	2968	ACATCATCACGCCTGGCGTGACCA	TGGTCACGCCAGGCGTGATGATGT
2972 ACATGTGAAGTGACGTCCAA TTGGACGGCACTCACTTCACATGT 2973 CCTCTGGAGGGGATTAGCCACGCT AGCGTGGCTAATCCCCTCCAGAGG 2974 CAATAGCCATGTCACTGGCAACGG CCGTTGCCAGTGACACTGGCTATTG 2975 ACCCATGGTTCCAACGTTCTTTCG CGAAAGAACGTTGGAACCATGGGT 2976 AATCTGGTCTTGGCATCCTCCAAA TTTGGAGGACCAGACCA	2969	CCGGCGAAGTTTGGTGTGATTAGA	TCTAATCACACCAAACTTCGCCGG
2973 CCTCTGGAGGGGATTAGCCACGCT AGCGTGGCTAATCCCCTCCAGAGG 2974 CAATAGCCATGTCACTGGCAACGG CCGTTGCCAGTGACATGGCTATTG 2975 ACCCATGGTTCCAACGTTCTTTCG CGAAAGAACGTTGGAACCATGGGT 2976 AATCTGGTCTTGGCATCCTCCAAA TTTGGAGGATGCCAAGACCAGATT 2977 GTATACCGGTGCATGCTGAAGCAA TTGCTTCAGCATGCACCGGTATAC 2978 AGTGTTCTGGTTCGAACCAG CGGGTCGACCAGAACCAGACCAG	2971	TGCACCGCCAGATTGTGCTGAGTC	GACTCAGCACAATCTGGCGGTGCA
2974 CAATAGCCATGTCACTGGCAACGG CCGTTGCCAGTGACATGGCTATTG 2975 ACCCATGGTTCCAACGTTCTTTCG CGAAAGAACGTTGGAACCATGGGT 2976 AATCTGGTCTTGGCATCCTCCAAA TTTGGAGGATGCCAAGACCAGATT 2977 GTATACCGGTGCATGCTGAAGCAA TTGCTTCAGCATGCACCGGTATAC 2978 AGTGTTCTGGTTCGAGTCGACCCG CGGGTCGACCCGGAACACT 2979 CGGGTATTCGACACACACGAGGAC GTCCTCGTAGTGTCGAACCAGAACACT 2979 CGGGTATTCGACACACACACGAGGAC GTCCTCGTGTGTCGAATACCCG 2980 AGTGCAACAGAGCGCTTGGTCACG CGTGACCAAGCGCTCTGTTGCACT 2981 TGCACCTATAGTTTGGTGCCGGTG CACCGGCACCAAACTATAGGTGCA 2982 TGCTCACGTACCAGGACACTCGAG CTCGAGTGTCCTGGTACGTGAGCA 2983 AGTCCACACCTCGAACGACAGCGC CGCCTGTCGTTCGAGGTGTGACT 2984 CGCCGACCTGGTCAAAGAGCGCTA TAGCGCTCTTTGACCAGGTCGCG 2985 GCCTAAGGGCCTGCTTTTCCGA TCGGAAAACGACAGGCCCTTAGGC 2986 TGTGCGTGCTTATGTTCCGGTCTC GAGACCGGAACATAAGCACGCACA 2987 CAACCGTTGGCCGTAACAAAAATC GATTTTTGTTACGGCCAACGGTTG 2988 CGAGAATCAAGGCGTACCATCTCG CGAGATGGTACGCCTTGATTCTCG 2989 GCGTAGGCAGCCTCCAGGGAATGG CCATTCCCTGGAGGCTGCCTACGC 2990 GATGGTGTTTTCGCCAAGACCAAT 2991 CAAGCTAGGGACAGACCAAT ATTGGTCTTGGCGAAAACACCATC 2991 CAAGCTAGGGAAACCGATCTCG GCCACGAACGGTTTCCCTAGCTTG 2992 TAAATAGGCGAAACCGTTCGTGGC GCCACGAACGGTTTCGCCTATTTA 2993 TCAAGACCCGCAATGTTTCATGT ACATGAACACATTCGCGGGTCTTGA 2994 GCGGCTGAGACCTTTTGACCAA TTGTGCCAAGACCTTCACCC 2995 CAGGCTTAACCCTAACCAAACGG CCGTTTGGTTCAGGCTTTGA 2996 GCGATCTGTGGCGAAACCCTTCGTGCC 2997 GATATCGCGTAGACCAAACGG CCGTTTGGTTCAGGCTTGATTCCCTGGCCGCCCTGGGGCTTTCACCAGCCGC 2996 GCGATCTGTGGCGAAACCCTTTGACCCTGGCCGCCCTTTGATTCCCCTAGCTTGATTCACCCTGCCCGCCC	2972	ACATGTGAAGTGAGTGCCGTCCAA	TTGGACGCACTCACTTCACATGT
2975 ACCCATGGTTCCAACGTTCTTTCG CGAAAGAACGTTGGAACCATGGGT 2976 AATCTGGTCTTGGCATCCTCAAA TTTGGAGGATGCCAAGACCAGATT 2977 GTATACCGGTGCATGCTGAAGCAA TTGCTTCAGCATGCACCGGTATAC 2978 AGTGTTCTGGTTCGAGTCGACCCG CGGGTCGACTCGAACCAGAACACT 2979 CGGGTATTCGACACACACACGAGGAC GTCCTCGTGTGTCGAATACCCG 2980 AGTGCAACAGAGCGCTTGGTCACG CGTGACCAAGCGCTCTGTTGCACT 2981 TGCACCTATAGTTTGGTGCCGGTG CACCGGCACCAAACTATAGGTGCA 2982 TGCTCACGTACCAGGACACTCGAG CTCGAGTGTCCTGGTACGTAGCA 2983 AGTCCACACCTCGAACGACGACGCG CGCCTGTTCGAGGTGTGGACT 2984 CGCCGACCTGGTCAAAGAGCGCT TAGCGCTTTTGACCAGGTCGGCG 2985 GCCTAAGGGCCTGTTCGTTTCCGA TCGGAAAACGACAGGCCCTTAGGC 2986 TGTGCGTGCTTATGTTCCGGTCTC GAGACCAGACACACGCCCACA 2987 CAACCGTTGGCCGTAACAAAAATC GATTTTTGTTACGGCCAACGGTTG 2988 CGAGAATCAAGGCGTACCATCTCG CGAGATGGTACGCCTTGATCTCCG 2989 GCGTAGGCAGCCTCCAGGGAATGG CCATTCCCTGGAGGCTTGCTCCGC 2990 GATGGTGTTTCCGCAAGACCAAT ATTGGTCTTGGCCAAAACACCATC 2991 CAAGCTAGGACACAATTGCCCAC GTGGGCAAAACACCATC 2992 TAAATAGGCGAAACCGTTCGTG GCCACGAACGATTCTCG 2993 TCAAGACCAACAAAACCATTCGCCAAGACCAATTCTGCCCTAGCTTGACTTGACTTGAACAAAACCACTTCCCAAGCCAAACACCATC 2991 CAAGCTAGGACAACACATTGCCCAC GTGGGCAATTCTGCCCTAGCTTGACTTGA	2973	CCTCTGGAGGGGATTAGCCACGCT	AGCGTGGCTAATCCCCTCCAGAGG
2976 AATCTGGTCTTGGCATCCTCCAAA TTTGGAGGATGCCAAGACCAGATT 2977 GTATACCGGTGCATGCTGAAGCAA TTGCTTCAGCATGCACCGGTATAC 2978 AGTGTTCTGGTTCGAGTCGACCCG CGGGTCGACTCGAACCAGACACT 2979 CGGGTATTCGACACACACACGAGGAC GTCCTCGTGTGTGTCGAATACCCG 2980 AGTGCAACAGAGCGCTTGGTCACG CGTGACCAAGCGCTCTGTTGCACT 2981 TGCACCTATAGTTTGGTGCCGGTG CACCGGCACCAAACTATAGGTGCA 2982 TGCTCACGTACCAGGACACTCGAG CTCGATGTCCTGGTACGTGAGCA 2983 AGTCCACACCTCGAACGACAGCG CGCCTGTTCGACGTAGCA 2984 CGCCGACCTGGACGACAGCGC CGCCTGTCGTTCGAGCT 2985 GCCTAAGGGCCTAAAGAGCGCTA TAGCGCTCTTTGACCAGGTCGCG 2986 TGTGCGTCAAAGAGCGCTA TAGCGCTCTTTGACCAGGTCGGC 2987 CAACCGTTGGTCAAAAAAATC GAATTTTGTTACGGCCACACA 2987 CAACCGTTGGCCGTAACAAAAATC GATTTTGTTACGGCCAACGGTC 2988 CGAGAATCAAGGCGTACCATCTCG CGAGATGGTACGCCTTGATTCTCG 2989 GCGTAGGCAGCCTCCAGGGAATGG CCATTCCCTGGAGGCTGCCTTACGC 2990 GATGGTTTTTCGCAAGACCAAT ATTGGTCTTGGCGAAAACACACCTC 2991 CAAGCTAGGACACAAAATC GTTGTTTTGCCCAAGCCTTCGC 2992 TAAATAGGCGAAACCAAT ATTGGTCTTGGCGAAAACACCATC 2993 TCAAGCCCGCAACAAATTGCCCAC GTGGGCAAAACACCATC 2994 GCGCGGAACACAATTGTTCCGGC GCCACGAACGGTTTCGCCTATTTA 2993 TCAAGACCCGCAATGTGTTCATGT ACATGAACACATTCGCGGTCTTGA 2994 GCGCTGGTAGACTCTTTGCACAA TTGTGCCAAGAGGTCTTCACCCCCC 2995 CAGGCTAAACCCTTTTGCACAA TTGTGCCAAGAGTTTACCCCTCG 2996 GCCGATCTGTTGACCACAACCGCCCC 2997 GATATCGCGTCGCAATATCACCGC CCGCTTTGATTTCCGCTAGCTTG 2997 GATATCGCGTCGCAATATCACCCCC CGTTTGGTTCAGGCTTTTACCCCTGGCCCCCCCCCC	2974	CAATAGCCATGTCACTGGCAACGG	CCGTTGCCAGTGACATGGCTATTG
2977 GTATACCGGTGCATGCTGAAGCAA TTGCTTCAGCATGCACCGGTATAC 2978 AGTGTTCTGGTTCGAGTCGACCCG CGGGTCGACTCGAACCAGAACACT 2979 CGGGTATTCGACACACACAGAGGAC GTCCTCGTGTGTCGAATACCCG 2980 AGTGCAACAGAGCGCTTGGTCACG CGTGACCAAGCGCTCTGTTGCACT 2981 TGCACCTATAGTTTGGTGCCGGTG CACCGGCACCAAACTATAGGTGCA 2982 TGCTCACGTACCAGGACACTCGAG CTCGAGTGTCCTGGTACGTGAGCA 2983 AGTCCACACCTCGAACGACAGCGC CGCCTGTCGTTCGAGGTGTGACCT 2984 CGCCGACCTGGTCAAAGAGCGCTA TAGCGCTCTTTGACCAGGTCGGCG 2985 GCCTAAGGGCCTGTTTTCCGA TCGGAAAACGACAGGCCCTTAGGC 2986 TGTGCGTGCTTATGTTCCGGTCTC GAGACCGGAACATAAGCACGCACA 2987 CAACCGTTGGCCGTAACAAAAATC GATTTTTGTTACGGCCAACAGGTCG 2988 CGAGAATCAAGGCGTACCATCTCG CGAGATGGTACGCCTTGATTCTCG 2989 GCGTAGGCAGCCTCCAGGGAATGG CCATTCCCTGGAGGCTGCCTACGC 2990 GATGGTGTTTTCGCCAAGACCAAT ATTGGTCTTGGCGAAAACACCATC 2991 CAAGCTAGGGACAGAATTGCCCAC GTGGGCAATTCTTGCCCTAGCTTG 2992 TAAATAGGCGAAACCGTTCGTGGC GCCACGAACGGTTTCGCCTAGTTTA 2993 TCAAGACCCGCAATGTGTTCATGT ACATGAACACACTTCGC 2994 GCGCTGGTAGACCTTTTTGCACAA TTGTGCCAAAGAGTCTACCAGCCGC 2995 CAGGCTTAAACCTGAACCAAACGG CCGTTTGGTTCAGGC 2996 GCCGACTAACACCTTTTGCACAA TTGTGCCAAGAGTTTACCAGCCGC 2997 GATATCGCGTCGAAGCCAATCGGC CCGTTTGATTTACCGCGGTCTTGA 2998 GCGCGCTAACACCAACAGG CCGTTTGGTTCACCAGCCGC 2997 GATATCGCGTCGAAACCAAACGG CCGTTTGGTTCACCAGCCGC 2997 GATATCGCGTCGCAATATCACCGC CGCGTGATATTTCCGACCGCAATTCCCAGCCGC 2997 GATATCGCGTCGCAATATCACCGC CGCGTGATATTTCCGACCGCAATTCCCAGCCGC 2997 GATATCGCGTCGCAATATCACCGC CGCGTGATATTTCCGACCGCAATATCCCGGCCGCAATATCCCGCCCAATATCCCGCCCCAATATCCCGCCCCAATATCCCGCCCCAATATCCCAGCCGCCCCAATATCCCGCCCCAATATCCCAGCCGCCCCAATATCCAGCCGCCCCAATATCCCAGCCGCCCCAATATCCCCGCCCCAATATCCCCGCCCCAATATCCCCGCCCCAATATCCCCGCCCCAATATCCCCGCCCCAATATCCCCGCCCCAATATCCCCGCCCCCAATATCCCCGCCCCCCAATATCCCCGCCCCCAATATCCCCGCCCCCCAATATCCCCGCCCCCCAATATCCCAGCCACAATATCCCCCGCCCCCCAATATCCCCCCCC	2975	ACCCATGGTTCCAACGTTCTTTCG	CGAAAGAACGTTGGAACCATGGGT
2978 AGTGTTCTGGTTCGAGTCGACCCG CGGGTCGACTCGAACCAGAACACT 2979 CGGGTATTCGACACACACGAGGAC GTCCTCGTTGTGCAATACCCG 2980 AGTGCAACAGAGCGCTTGGTCACG CGTGACCAAGCGCTCTGTTGCACT 2981 TGCACCTATAGTTTGGTGCCGGTG CACCGGCACCAAACTATAGGTGCA 2982 TGCTCACGTACCAGGACACTCGAG CTCGAGTGTCCTGGTACGTGAGCA 2983 AGTCCACACCTCGAACGACAGGCG CGCCTGTCGTTCGAGGTGTGGACT 2984 CGCCGACCTGGTCAAAGAGCGCTA TAGCGCTCTTTGACCAGGTCGGCG 2985 GCCTAAGGGCCTGTCGTTTTCCGA TCGGAAAACGACAGGCCCTTAGGC 2986 TGTGCGTGCTTATGTTCCGGTCTC GAGACCGGAACATAAGCACGCACA 2987 CAACCGTTGGCCGTAACAAAAATC GATTTTTGTTACGGCCAACGGTTG 2988 CGAGAATCAAGGCGTACCATCTCG CGAGATGGTACGCCTTGATTCTCG 2989 GCGTAGGCAGCCTCCAGGGAATGG CCATTCCCTGGAGGCTGCCTACGC 2990 GATGGTGTTTTCGCCAAGACCAAT ATTGGTCTTGGCGAAAACACCATC 2991 CAAGCTAGGGAAACGATTGCCCAC GTGGGCAAATCATCTTCG 2992 TAAATAGGCGAAACCGTTCGTGGC GCCACGAACGGTTTCGCCTAGTTTA 2993 TCAAGACCCGCAATGTGTTCATGT ACATGAACACATTCGGCGTTTGA 2994 GCGGCTGTAGACCAACAACGG CCCTTTGGTTCACCACCCCC 2995 CAGGCTTAGACCCAACCAACCGC TTGTTCACCACCCCCC 2996 GCCGATCTTTTGCACAA TTGTGCAAAGAGTCTACCAGCCGC 2997 GATATCGCGTCGAGGTTCATCA TGATGAACACATTCACCAGCCGC 2997 GATATCGCGTCGAACCAAACCGC CCGTTTGGTTCAGGTTTACGCCTTG 2996 GCCGATCTTTTGCACAA TTGTGCAAAGAGTCTACCAGCCGC 2997 GATATCGCGTCGCAATATCACCGCG CGCGTGATATTTGCGACACACATTCCGCCTG 2997 GATATCGCGTCGCAATATCACCGCG CGCGTGATATTTGCGACCGCATATCCAGCCGC 2997 GATATCGCGTCGCAATATCACCCGC CGCGTGATATTTGCGACCGCATATCCACCGCC 2997 GATATCGCGTCGCAATATCACCCGC CGCGTGATATTTGCGACCGCATATCCACCGCCCCCCCCCC	2976	AATCTGGTCTTGGCATCCTCCAAA	TTTGGAGGATGCCAAGACCAGATT
2979 CGGGTATTCGACACACACAGAGGAC GTCCTCGTGTGTCGAATACCCG 2980 AGTGCAACAGAGCGCTTGGTCACG CGTGACCAAGCGCTCTGTTGCACT 2981 TGCACCTATAGTTTGGTGCCGGTG CACCGGCACCAAACTATAGGTGCA 2982 TGCTCACGTACCAGGACACTCGAG CTCGAGTGTCCTGGTACGTGAGCA 2983 AGTCCACACCTCGAACGACAGGCG CGCCTGTCGTTCGAGGTGTGGACT 2984 CGCCGACCTGGTCAAAGAGCGCTA TAGCGCTCTTTGACCAGGTCGGCG 2985 GCCTAAGGGCCTGTCGTTTTCCGA TCGGAAAACGACAGGCCCTTAGGC 2986 TGTGCGTGCTTATGTTCCGGTCTC GAGACCGGAACATAAGCACGCACA 2987 CAACCGTTGGCCGTAACAAAAATC GATTTTTGTTACCGGCCAACGGTTG 2988 CGAGAATCAAGGCGTACCATCTCG CGAGATGGTACGCCTTAGTCCG 2989 GCGTAGGCAGCCTCCAGGGAATGG CCATTCCCTGGAGGCTGCCTACGC 2990 GATGGTGTTTTCGCCAAGACCAAT ATTGGTCTTGGCGAAAACACCATC 2991 CAAGCTAGGGACAGACTATCCCAC GTGGGCAATTCTGTCCCTAGCTTG 2992 TAAATAGGCGAAACCGTTCGTGGC GCCACGAACGGTTTCACCTTGACCTTGAACAGACCCATCTTTAAATAGGCGAAACCGTTCGTGGC GCCACGAACGGTTTCGCCTATTTA 2993 TCAAGACCCGCAATGTGTTCATGT ACATGAACACATTGCGCGCCTTTGA 2994 GCGGCTGGTAGACTCTTTGCACAA TTGTCCAAAGAGTCTACCAGCCGC 2995 CAGGCGTAAACCTGAACCAAACGG CCGTTTGGTTCAGGTTTACGCCTG 2996 GCCGATCTGTGCTGAGGTTCATCA TGATGAACCACAGATCGGC 2997 GATATCGCGTCGCAATATCACGCG CGCGTGATATTGCGACACAGATCGGC 2997 GATATCGCGTCGCAATATCACGCG CGCGTGATATTTGCGACACAGATCGGC 2997 GATATCGCGTCGCAATATCACGCG CGCGTGATATTTGCGACGCGAATATC	2977	GTATACCGGTGCATGCTGAAGCAA	TTGCTTCAGCATGCACCGGTATAC
2980 AGTGCAACAGAGCGCTTGGTCACG CGTGACCAAGCGCTCTGTTGCACT 2981 TGCACCTATAGTTTGGTGCCGGTG CACCGGCACCAAACTATAGGTGCA 2982 TGCTCACGTACCAGGACACTCGAG CTCGAGTGTCCTGGTACGTGAGCA 2983 AGTCCACACCTCGAACGACAGGCG CGCCTGTCGTTCGAGGTGTGGACT 2984 CGCCGACCTGGTCAAAGAGCGCTA TAGCGCTCTTTGACCAGGTCGGCG 2985 GCCTAAGGGCCTGTTTTCCGA TCGGAAAACGACAGGCCCTTAGGC 2986 TGTGCGTGCTTATGTTCCGGTCTC GAGACCGGAACATAAGCACGCACA 2987 CAACCGTTGGCCGTAACAAAAATC GATTTTTGTTACGGCCAACGGTTG 2988 CGAGAATCAAGGCGTACCATCTCG CGAGATGGTACGCCTTGATTCTCG 2989 GCGTAGGCAGCCTCCAGGGAATGG CCATTCCCTGGAGGCTGCCTACGC 2990 GATGGTGTTTTCGCCAAGACCAAT ATTGGTCTTGGCGAAAACACACTC 2991 CAAGCTAGGGACAGACTCATC 2992 TAAATAGGCGAAACCGTTCGTGGC GCCACGAACGGTTTCGCTTGATTCTG 2992 TAAATAGGCGAAACCGTTCGTGGC GCCACGAACGGTTTCGCCTATTTA 2993 TCAAGACCCGCAATGTGTTCATGT ACATGAACACATTGCGCGCC 2994 GCGGCTGGTAGACTCTTTGCACAA TTGTGCAAAGAGTCTACCAGCCGC 2995 CAGGCGTAAACCTGAACCAAACGG CCGTTTGGTTCAGGTTTACGCCTG 2996 GCCGATCTGTGGTGAGCTTCATCA TGATGAACCCTAGCACGCCTC 2997 GATATCGCGTCGCAATATCACGCG CGCGTGGATATTCCGCCGCAATATTCCCCAACCGCCCCCAATCTTTGCCCTAGCTTGAACCAAACGG CCGCTTTGATTTACGCCTG 2997 GATATCGCGTCGCAATATCACCGCG CGCGTGATATTTCCGACGCGCAATATCCCCGCCCCCAATCTGCTGCTGAACCAAACGG CCGCTGATATTTCACGCCTG CACGCGTCAAACCTGAACCAAACGG CCGTTTGGTTCAGGTTTACGCCTG CACGCGTCAAACCTGAACCAAACGG CCGTTTGGTTCAGGTTTACGCCTG CACGCGTCAAACCTGAACCAAACGG CCGTTTGGTTCAGGTTTACGCCTG CACGCGTCAAACCTGAACCAAACGG CCGTTTGGTTCAGGTTTACGCCTG CACGCGTAAACCTGAACCAAACGG CCGTTTGGTTCAGGTTTACGCCTG CACGCGTAAACCTGAACCAAACGG CCGTTTGGTTCAGGTTTACGCCTG CACGCGTAAACCTGAACCAAACGG CCGTTTTGGATCAGCACAACGGC CACGATCTGTGCTGAACCAAACGG CCGTTTTGAACCAAACGG CCGCTATATC	2978	AGTGTTCTGGTTCGAGTCGACCCG	CGGGTCGACTCGAACCAGAACACT
TGCACCTATAGTTTGGTGCCGGTG TGCTCACGTACCAGGACACTCGAG TGCTCACGTACCAGGACACTCGAG TGCTCACGTACCAGGACACTCGAG TGCTCACGTACCAGGACCACCTCGAG TGCTCACGTCGAACGACAGGCG CGCCTGTCGTTCGAGGTGTGGACT TAGCGCTCTTTGACCAGGTCGGCG TAGCGCTCTTTGACCAGGTCGGCG TAGCGCTCTTTGACCAGGTCGGCG TCGGAAAACGACAGGCCT TAGCGCTCTTTGACCAGGTCGCGCG TCGGAAAACGACAGGCCCTTAGGC TCGGAAAACGACAGGCCCTTAGGC TCGGAAAACGACAGGCCCTTAGGC TCGGAAAACGACAGGCCCTTAGGC TCGGAAAACGACAGGCCCTTAGGC TCGGAAAACGACAGGCCCTTAGGC TCGGAAAACGACAGGCCCTTAGGC TCGGAAAACGACAGGCCCTTAGGC GATTTTTGTTACGGCCAACGGTTG TCAACCGTTGGCCGTAACAAAAATC TTGTTTTTTTTTCGCCTAAGCCATCTCG TCAAGCTAGGGACAGACCAAT TTGTTTTTTTTTT	2979	CGGGTATTCGACACACACGAGGAC	GTCCTCGTGTGTGTCGAATACCCG
TGCTCACGTACCAGGACACTCGAG 2983 AGTCCACACCTCGAACGACAGGCG CGCCTGTCGTTCGAGGTGTGGACT 2984 CGCCGACCTGGTCAAAGAGCGCTA TAGCGCTCTTTGACCAGGTCGGCG 2985 GCCTAAGGGCCTGTCTTTTCCGA TCGGAAAACGACAGGCCCTTAGGC 2986 TGTGCGTGCTTATGTTCCGGTCTC GAGACCAGACACAGCACCACA 2987 CAACCGTTGGCCGTAACAAAAATC GATTTTGTTACGGCCAACAGTTG 2988 CGAGAATCAAGGCGTACCATCTCG CGAGATGGTACGCCTTGATTCTCG 2989 GCGTAGGCAGCCTCCAGGGAATGG CCATTCCCTGGAGGCTGCCTACGC 2990 GATGGTGTTTTCGCCAAGACCAAT ATTGGTCTTGGCGAAAACACCATC 2991 CAAGCTAGGGACAGAATTGCCCAC GTGGGCAATTCTGTCCCTAGCTTG 2992 TAAATAGGCGAAACCGTTCGTGGC GCCACGAACGGTTTCGCCTATTTA 2993 TCAAGACCCGCAATGTGTTCATGT ACATGAACACATTGCGGGTCTTGA 2994 GCGGCTGAAACCTTTTGCACAA TTGTGCAAAGAGTCTACCAGCCGC 2995 CAGGCGTAAACCTGAACCAAACGG CCGTTTGGTTCAGGTTTACGCCTG 2996 GCCGATCTGTGCTGAGGTTCATCA TGATGAACCCTCAGCACAGATCGGC 2997 GATATCGCGTCGCAATATCACGCG CGCGTGATATTTCCGACGCGCC 2997 GATATCGCGTCGCAATATCACGCG CGCGTGATATTTCCGACGCGCATATTC	2980	AGTGCAACAGAGCGCTTGGTCACG	CGTGACCAAGCGCTCTGTTGCACT
2983 AGTCCACACCTCGAACGACAGGCG CGCCTGTCGTTCGAGGTGTGGACT 2984 CGCCGACCTGGTCAAAGAGCGCTA TAGCGCTCTTTGACCAGGTCGGCG 2985 GCCTAAGGGCCTGTCGTTTTCCGA TCGGAAAACGACAGGCCCTTAGGC 2986 TGTGCGTGCTTATGTTCCGGTCTC GAGACCGGAACATAAGCACGCACA 2987 CAACCGTTGGCCGTAACAAAAATC GATTTTGTTACGGCCAACGGTTG 2988 CGAGAATCAAGGCGTACCATCTCG CGAGATGGTACGCCTTGATTCTCG 2989 GCGTAGGCAGCCTCCAGGGAATGG CCATTCCCTGGAGGCTGCCTACGC 2990 GATGGTGTTTCGCCAAGACCAAT ATTGGTCTTGGCGAAAACACCATC 2991 CAAGCTAGGGACAGAATTGCCCAC GTGGCCAATTCTGTCCCTAGCTTG 2992 TAAATAGGCGAAACCGTTCGTGGC GCCACGAACGGTTTCGCCTATTTA 2993 TCAAGACCCGCAATGTGTTCATGT ACATGAACACATTGCGGGTCTTGA 2994 GCGCTGGTAGACTCTTTGCACAA TTGTGCAAAGAGTCTACCAGCCGC 2995 CAGGCGTAAACCTGAACCAAACGG CCGTTTGGTTCAGGTTTACGCCTG 2996 GCCGATCTGTGCTGAGGTTCATCA TGATGAACCTCAGCACAGATCGGC 2997 GATATCGCGTCGCAATATCACGCG CGCGTGATATTGCGACGCGATATC	2981	TGCACCTATAGTTTGGTGCCGGTG	CACCGGCACCAAACTATAGGTGCA
2984 CGCCGACCTGGTCAAAGAGCGCTA TAGCGCTCTTTGACCAGGTCGGCG 2985 GCCTAAGGGCCTGTCGTTTTCCGA TCGGAAAACGACAGGCCCTTAGGC 2986 TGTGCGTGCTTATGTTCCGGTCTC GAGACCGGAACATAAGCACGCACA 2987 CAACCGTTGGCCGTAACAAAAATC GATTTTGTTACGGCCAACGGTTG 2988 CGAGAATCAAGGCGTACCATCTCG CGAGATGGTACGCCTTGATTCTCG 2989 GCGTAGGCAGCCTCCAGGGAATGG CCATTCCCTGGAGGCTGCCTACGC 2990 GATGGTGTTTCGCCAAGACCAAT ATTGGTCTTGGCGAAAACACCATC 2991 CAAGCTAGGGACAGAATTGCCCAC GTGGGCAATTCTGTCCCTAGCTTG 2992 TAAATAGGCGAAACCGTTCGTGGC GCCACGAACGGTTTCGCCTATTTA 2993 TCAAGACCCGCAATGTGTTCATGT ACATGAACACATTGCGGGTCTTGA 2994 GCGGCTGGTAGACTCTTTGCACAA TTGTGCAAAGAGTCTACCAGCCGC 2995 CAGGCGTAAACCTGAACCAAACGG CCGTTTGGTTCAGGTTTACGCCTG 2996 GCCGATCTGTGCTGAGGTTCATCA TGATGAACCTCAGCACAGATCGGC 2997 GATATCGCGTCGCAATATCACGCG CGCGTGATATTGCGACGCGATATC	2982	TGCTCACGTACCAGGACACTCGAG	CTCGAGTGTCCTGGTACGTGAGCA
2985 GCCTAAGGCCTGTCGTTTTCCGA TCGGAAAACGACAGGCCCTTAGGC 2986 TGTGCGTGCTTATGTTCCGGTCTC GAGACCGGAACATAAGCACGCACA 2987 CAACCGTTGGCCGTAACAAAAATC GATTTTTGTTACGGCCAACGGTTG 2988 CGAGAATCAAGGCGTACCATCTCG CGAGATGGTACGCCTTGATTCTCG 2989 GCGTAGGCAGCCTCCAGGGAATGG CCATTCCCTGGAGGCTGCCTACGC 2990 GATGGTGTTTTCGCCAAGACCAAT ATTGGTCTTGGCGAAAACACCATC 2991 CAAGCTAGGGACAGAATTGCCCAC GTGGGCAATTCTGTCCCTAGCTTG 2992 TAAATAGGCGAAACCGTTCGTGGC GCCACGAACGGTTTCGCCTATTTA 2993 TCAAGACCCGCAATGTGTTCATGT ACATGAACACATTGCGGGTCTTGA 2994 GCGGCTGGTAGACTCTTTGCACAA TTGTGCAAAGAGTCTACCAGCCGC 2995 CAGGCGTAAACCTGAACCAAACGG CCGTTTGGTTCAGGTTTACGCCTG 2996 GCCGATCTGTGCTGAGGTTCATCA TGATGAACCTCAGCACAGATCGGC 2997 GATATCGCGTCGCAATATCACGCG CGCGTGATATTGCGACGCGAATATC	2983	AGTCCACACCTCGAACGACAGGCG	CGCCTGTCGTTCGAGGTGTGGACT
2986 TGTGCGTGCTTATGTTCCGGTCTC GAGACCGGAACATAAGCACGCACA 2987 CAACCGTTGGCCGTAACAAAAATC GATTTTTGTTACGGCCAACGGTTG 2988 CGAGAATCAAGGCGTACCATCTCG CGAGATGGTACGCCTTGATTCTCG 2989 GCGTAGGCAGCCTCCAGGGAATGG CCATTCCCTGGAGGCTGCCTACGC 2990 GATGGTGTTTTCGCCAAGACCAAT ATTGGTCTTGGCGAAAACACCATC 2991 CAAGCTAGGGACAGAATTGCCCAC GTGGGCAATTCTGTCCCTAGCTTG 2992 TAAATAGGCGAAACCGTTCGTGGC GCCACGAACGGTTTCGCCTATTTA 2993 TCAAGACCCGCAATGTGTTCATGT ACATGAACACATTGCGGGTCTTGA 2994 GCGGCTGGTAGACTCTTTGCACAA TTGTGCAAAGAGTCTACCAGCCGC 2995 CAGGCGTAAACCTGAACCAAACGG CCGTTTGGTTCAGGTTTACGCCTG 2996 GCCGATCTGTGCTGAGGTTCATCA TGATGAACCTCAGCACAGATCGGC 2997 GATATCGCGTCGCAATATCACGCG CGCGTGATATTGCGACGCGATATC	2984	CGCCGACCTGGTCAAAGAGCGCTA	TAGCGCTCTTTGACCAGGTCGGCG
2987 CAACCGTTGGCCGTAACAAAAATC GATTTTTGTTACGGCCAACGGTTG 2988 CGAGAATCAAGGCGTACCATCTCG CGAGATGGTACGCCTTGATTCTCG 2989 GCGTAGGCAGCCTCCAGGGAATGG CCATTCCCTGGAGGCTGCCTACGC 2990 GATGGTGTTTTCGCCAAGACCAAT ATTGGTCTTGGCGAAAACACCATC 2991 CAAGCTAGGGACAGAATTGCCCAC GTGGGCAATTCTGTCCCTAGCTTG 2992 TAAATAGGCGAAACCGTTCGTGGC GCCACGAACGGTTTCGCCTATTTA 2993 TCAAGACCCGCAATGTGTTCATGT ACATGAACACATTGCGGGTCTTGA 2994 GCGGCTGGTAGACTCTTTGCACAA TTGTGCAAAGAGTCTACCAGCCGC 2995 CAGGCGTAAACCTGAACCAAACGG CCGTTTGGTTCAGGTTTACGCCTG 2996 GCCGATCTGTGCTGAGGTTCATCA TGATGAACCTCAGCACAGATCGGC 2997 GATATCGCGTCGCAATATCACGCG CGCGTGATATTGCGACGCGATATC	2985	GCCTAAGGGCCTGTCGTTTTCCGA	TCGGAAAACGACAGGCCCTTAGGC
2988 CGAGAATCAAGGCGTACCATCTCG CGAGATGGTACGCCTTGATTCTCG 2989 GCGTAGGCAGCCTCCAGGGAATGG CCATTCCCTGGAGGCTGCCTACGC 2990 GATGGTGTTTTCGCCAAGACCAAT ATTGGTCTTGGCGAAAACACCATC 2991 CAAGCTAGGGACAGAATTGCCCAC GTGGGCAATTCTGTCCCTAGCTTG 2992 TAAATAGGCGAAACCGTTCGTGGC GCCACGAACGGTTTCGCCTATTTA 2993 TCAAGACCCGCAATGTGTTCATGT ACATGAACACATTGCGGGTCTTGA 2994 GCGGCTGGTAGACTCTTTGCACAA TTGTGCAAAGAGTCTACCAGCCGC 2995 CAGGCGTAAACCTGAACCAAACGG CCGTTTGGTTCAGGTTTACGCCTG 2996 GCCGATCTGTGCTGAGGTTCATCA TGATGAACCTCAGCACAGATCGGC 2997 GATATCGCGTCGCAATATCACGCG CGCGTGATATTGCGACGCGATATC	2986	TGTGCGTGCTTATGTTCCGGTCTC	GAGACCGGAACATAAGCACGCACA
2989 GCGTAGGCAGCCTCCAGGGAATGG CCATTCCCTGGAGGCTGCCTACGC 2990 GATGGTGTTTTCGCCAAGACCAAT ATTGGTCTTGGCGAAAACACCATC 2991 CAAGCTAGGGACAGAATTGCCCAC GTGGGCAATTCTGTCCCTAGCTTG 2992 TAAATAGGCGAAACCGTTCGTGGC GCCACGAACGGTTTCGCCTATTTA 2993 TCAAGACCCGCAATGTGTTCATGT ACATGAACACATTGCGGGTCTTGA 2994 GCGGCTGGTAGACTCTTTGCACAA TTGTGCAAAGAGTCTACCAGCCGC 2995 CAGGCGTAAACCTGAACCAAACGG CCGTTTGGTTCAGGTTTACGCCTG 2996 GCCGATCTGTGCTGAGGTTCATCA TGATGAACCTCAGCACAGATCGGC 2997 GATATCGCGTCGCAATATCACGCG CGCGTGATATTGCGACGCGATATC	2987	CAACCGTTGGCCGTAACAAAAATC	GATTTTTGTTACGGCCAACGGTTG
2990 GATGGTGTTTTCGCCAAGACCAAT ATTGGTCTTGGCGAAAACACCATC 2991 CAAGCTAGGGACAGAATTGCCCAC GTGGGCAATTCTGTCCCTAGCTTG 2992 TAAATAGGCGAAACCGTTCGTGGC GCCACGAACGGTTTCGCCTATTTA 2993 TCAAGACCCGCAATGTGTTCATGT ACATGAACACATTGCGGGTCTTGA 2994 GCGGCTGGTAGACTCTTTGCACAA TTGTGCAAAGAGTCTACCAGCCGC 2995 CAGGCGTAAACCTGAACCAAACGG CCGTTTGGTTCAGGTTTACGCCTG 2996 GCCGATCTGTGCTGAGGTTCATCA TGATGAACCTCAGCACAGATCGGC 2997 GATATCGCGTCGCAATATCACGCG CGCGTGATATTGCGACGCGATATC	2988	CGAGAATCAAGGCGTACCATCTCG	CGAGATGGTACGCCTTGATTCTCG
2991 CAAGCTAGGGACAGAATTGCCCAC GTGGGCAATTCTGTCCCTAGCTTG 2992 TAAATAGGCGAAACCGTTCGTGGC GCCACGAACGGTTTCGCCTATTTA 2993 TCAAGACCCGCAATGTGTTCATGT ACATGAACACATTGCGGGTCTTGA 2994 GCGGCTGGTAGACTCTTTGCACAA TTGTGCAAAGAGTCTACCAGCCGC 2995 CAGGCGTAAACCTGAACCAAACGG CCGTTTGGTTCAGGTTTACGCCTG 2996 GCCGATCTGTGCTGAGGTTCATCA TGATGAACCTCAGCACAGATCGGC 2997 GATATCGCGTCGCAATATCACGCG CGCGTGATATTGCGACGCGATATC	2989	GCGTAGGCAGCCTCCAGGGAATGG	CCATTCCCTGGAGGCTGCCTACGC
2992 TAAATAGGCGAAACCGTTCGTGGC GCCACGAACGGTTTCGCCTATTTA 2993 TCAAGACCCGCAATGTGTTCATGT ACATGAACACATTGCGGGTCTTGA 2994 GCGGCTGGTAGACTCTTTGCACAA TTGTGCAAAGAGTCTACCAGCCGC 2995 CAGGCGTAAACCTGAACCAAACGG CCGTTTGGTTCAGGTTTACGCCTG 2996 GCCGATCTGTGCTGAGGTTCATCA TGATGAACCTCAGCACAGATCGGC 2997 GATATCGCGTCGCAATATCACGCG CGCGTGATATTGCGACGCGATATC	2990	GATGGTGTTTTCGCCAAGACCAAT	ATTGGTCTTGGCGAAAACACCATC
2993 TCAAGACCCGCAATGTGTTCATGT ACATGAACACATTGCGGGTCTTGA 2994 GCGGCTGGTAGACTCTTTGCACAA TTGTGCAAAGAGTCTACCAGCCGC 2995 CAGGCGTAAACCTGAACCAAACGG CCGTTTGGTTCAGGTTTACGCCTG 2996 GCCGATCTGTGCTGAGGTTCATCA TGATGAACCTCAGCACAGATCGGC 2997 GATATCGCGTCGCAATATCACGCG CGCGTGATATTGCGACGCGATATC	2991	CAAGCTAGGGACAGAATTGCCCAC	GTGGGCAATTCTGTCCCTAGCTTG
2994 GCGGCTGGTAGACTCTTTGCACAA TTGTGCAAAGAGTCTACCAGCCGC 2995 CAGGCGTAAACCTGAACCAAACGG CCGTTTGGTTCAGGTTTACGCCTG 2996 GCCGATCTGTGCTGAGGTTCATCA TGATGAACCTCAGCACAGATCGGC 2997 GATATCGCGTCGCAATATCACGCG CGCGTGATATTGCGACGCGATATC	2992	TAAATAGGCGAAACCGTTCGTGGC	GCCACGAACGGTTTCGCCTATTTA
2995 CAGGCGTAAACCTGAACCAAACGG CCGTTTGGTTCAGGTTTACGCCTG 2996 GCCGATCTGTGCTGAGGTTCATCA TGATGAACCTCAGCACAGATCGGC 2997 GATATCGCGTCGCAATATCACGCG CGCGTGATATTGCGACGCGATATC	2993	TCAAGACCCGCAATGTGTTCATGT	ACATGAACACATTGCGGGTCTTGA
2996 GCCGATCTGTGCTGAGGTTCATCA TGATGAACCTCAGCACAGATCGGC 2997 GATATCGCGTCGCAATATCACGCG CGCGTGATATTGCGACGCGATATC	2994	GCGGCTGGTAGACTCTTTGCACAA	TTGTGCAAAGAGTCTACCAGCCGC
2997 GATATCGCGTCGCAATATCACGCG CGCGTGATATTGCGACGCGATATC	2995	CAGGCGTAAACCTGAACCAAACGG	CCGTTTGGTTCAGGTTTACGCCTG
	2996	GCCGATCTGTGCTGAGGTTCATCA	TGATGAACCTCAGCACAGATCGGC
2998 CCCTGCACGATTAAGCCACCTGTA TACAGGTGGCTTAATCGTGCAGGG	2997	GATATCGCGTCGCAATATCACGCG	CGCGTGATATTGCGACGCGATATC
	2998	CCCTGCACGATTAAGCCACCTGTA	TACAGGTGGCTTAATCGTGCAGGG

	 	Торогологоличественного
2999	TGACATACAGATTTGTGTGGCCCC	GGGGCCACACAAATCTGTATGTCA
3000	GTTTGCGGCCGGTATTCACGATGT	ACATCGTGAATACCGGCCGCAAAC
3001	TTTTACCTGGCCATTGGTGAGCTC	GAGCTCACCAATGGCCAGGTAAAA
3002	CTCTACTCAATCAGGGTGGGAGCG	CGCTCCCACCCTGATTGAGTAGAG
3003	GGGTTGGAGGGAGTCTTGACCATT	AATGGTCAAGACTCCCTCCAACCC
3004	CGAGGTCGGTAAGGAAAAGCTTGC	GCAAGCTTTTCCTTACCGACCTCG
3005	CTTTACGCAGGCACCTCCGAGCTG	CAGCTCGGAGGTGCCTGCGTAAAG
3006	CATTGTATGGCCACGTGATTGACG	CGTCAATCACGTGGCCATACAATG
3007	GTACGGTGCGAGAGCGCCTAAGCG	CGCTTAGGCGCTCTCGCACCGTAC
3008	TTCCATATGCCGAAATGGACACAA	TTGTGTCCATTTCGGCATATGGAA
3009	TACGCCTTCCGCTATAGCTCGTGA	TCACGAGCTATAGCGGAAGGCGTA
3011	CTGTACGCCACGCATGAAGGGTGA	TCACCCTTCATGCGTGGCGTACAG
3012	CTTACGCGTCCAATGACTGCCACC	GGTGGCAGTCATTGGACGCGTAAG
3013	CACATGGTAGAACTCGATCGGCAG	CTGCCGATCGAGTTCTACCATGTG
3014	CGCACCGGAAACTAGTGGATGTGT	ACACATCCACTAGTTTCCGGTGCG
3015	ACTATGGCAACCGACACTTGGTCC	GGACCAAGTGTCGGTTGCCATAGT
3016	CTAGTTTGCGCTACCCACCTGCAA	TTGCAGGTGGGTAGCGCAAACTAG
3017	TAGTATCGCCCGACAATAGCCTGG	CCAGGCTATTGTCGGGCGATACTA
3018	CCAATATTTACGGCCTGATCAGCG	CGCTGATCAGGCCGTAAATATTGG
3019	ATGGCTATCCCTTACTGGCTCGCC	GGCGAGCCAGTAAGGGATAGCCAT
3020	CAAAACTTGGCAGGCTTGGGACTT	AAGTCCCAAGCCTGCCAAGTTTTG
3021	AATGACCGAGGCTGCAAGATTGAC	GTCAATCTTGCAGCCTCGGTCATT
3022	ATCATCTTTCGCCACCAGACATGG	CCATGTCTGGTGGCGAAAGATGAT
3023	CGTTATTACCGATGCACACGTTGC	GCAACGTGTGCATCGGTAATAACG
3024	CACACTGGCAATCGCCTCCCTCGT	ACGAGGGAGGCGATTGCCAGTGTG
3025	AGGTTGGTAGGAAATCGGAGCGCT	AGCGCTCCGATTTCCTACCAACCT
3026	GCTGAACCACTGTGGTCAAGATGC	GCATCTTGACCACAGTGGTTCAGC
3027	CGTTGAGTACGACACGGTCGAGGT	ACCTCGACCGTGTCGTACTCAACG
3028	TTTTTCCGCCGCAATGTGATCTAA	TTAGATCACATTGCGGCGGAAAAA
3029	ACAATACCTCGACCGCTCAGCATC	GATGCTGAGCGGTCGAGGTATTGT
3030	AGTATCCCTGCTGGCATACACGGG	CCCGTGTATGCCAGCAGGGATACT
3031	TCTTGGGCTCGGTAGTTCAGCACT	AGTGCTGAACTACCGAGCCCAAGA
3032	CCCTATATCGAGCCCATAGGGCGA	TCGCCCTATGGGCTCGATATAGGG
3033	CACGAGTGGCATCAACGGCCTACT	AGTAGGCCGTTGATGCCACTCGTG
3034	TGCAGGGTCCGATGTGTTCAAGTA	TACTTGAACACATCGGACCCTGCA
3035	GCTTGACCGCTGCTAACCTCGTAC	GTACGAGGTTAGCAGCGGTCAAGC
3036	TTTTGCATCTCTCCACCATCCAGA	TCTGGATGGTGGAGAGATGCAAAA
3037	AGAATGTGCACCGGCTTCCATCTT	AAGATGGAAGCCGGTGCACATTCT

3038	TGTTATGACCCGCTCTGTGGCGTG	CACGCCACAGAGCGGGTCATAACA
3039	GGAGCTCCTGTTTCATCGAGGCTA	TAGCCTCGATGAAACAGGAGCTCC
3040	CATTTTGCTGTTTGGGGGTCCCAT	ATGGGACCCCCAAACAGCAAAATG
3041	CCCGCTCCTTCACGTGAGACGAGA	TCTCGTCTCACGTGAAGGAGCGGG
3042	GCGCTCAAGTCGATTGCCACAACC	GGTTGTGGCAATCGACTTGAGCGC
3043	CGGTTGACGGAGACCGCAGTACTT	AAGTACTGCGGTCTCCGTCAACCG
3044	ACTCAAGACCGGTGCACCTCCAGC	GCTGGAGGTGCACCGGTCTTGAGT
3046	TTTCGTGTGCATGCAAGTAATGGC	GCCATTACTTGCATGCACACGAAA
3047	GCGGCGTTAGCTCGAGCTAACAAA	TTTGTTAGCTCGAGCTAACGCCGC
3048	GGGTATCCTGCCCGAGCAGTAATT	AATTACTGCTCGGGCAGGATACCC
3049	GGCTCCGAATCTCTTGTCCGGTCT	AGACCGGACAAGAGATTCGGAGCC
3050	AGGATGGCCACGCCGAATCAAAGT	ACTTTGATTCGGCGTGGCCATCCT
3051	GTGCGGGGACGTTTACATAACGAG	CTCGTTATGTAAACGTCCCCGCAC
3052	ACTTTTGACCTGAGGCCGCTTGCA	TGCAAGCGGCCTCAGGTCAAAAGT
3053	ACTCCGCTTCAATGGAGACCGTTG	CAACGGTCTCCATTGAAGCGGAGT
3054	GATCGGAATTCGCCGCCATATTGA	TCAATATGGCGGCGAATTCCGATC
3055	ATGCGTGCCCATGGAATGACTTTT	AAAAGTCATTCCATGGGCACGCAT
3056	CCGCATCGCACGAAGGCAGGTCAT	ATGACCTGCCTTCGTGCGATGCGG
3057	CACCCTATGCGTCTCCAATTCCTG	CAGGAATTGGAGACGCATAGGGTG
3058	TGATATGCATCGCTGAGCCTCTGT	ACAGAGGCTCAGCGATGCATATCA
3059	AGCTTCACACGCTCACTGAACCTG	CAGGTTCAGTGAGCGTGTGAAGCT
3060	AACCCGGAACCTCCTCTCACTCGG	CCGAGTGAGAGGAGGTTCCGGGTT
3061	CTCGTCAAACTTGGCCGAGGAGTC	GACTCCTCGGCCAAGTTTGACGAG
3062	GTAGCTGGCAACAGGCAATCAGGA	TCCTGATTGCCTGTTGCCAGCTAC
3063	CTTGTCACGAATATTCGCCAAGCG	CGCTTGGCGAATATTCGTGACAAG
3064	CAGTATCTGAAACACGGGGTGCTG	CAGCACCCCGTGTTTCAGATACTG
3065	GGCTAAAATGGGCGCCCACGTGTA	TACACGTGGGCGCCCATTTTAGCC
3066	ATGAGAGCCAAGCGCCTCAACTCC	GGAGTTGAGGCGCTTGGCTCTCAT
3067	TATTGTTAGGCACCGCTTCGCGCT	AGCGCGAAGCGGTGCCTAACAATA
3068	GGAACTAGATTGCCAGTGCTCGCC	GGCGAGCACTGGCAATCTAGTTCC
3069	AGTCGACCCCAAGGCAACTGGGTC	GACCCAGTTGCCTTGGGGTCGACT
3070	GGTACTGTTAGCTCGACGATGGCC	GGCCATCGTCGAGCTAACAGTACC
3071	CCGCAATACTTGACGGTAACAGGG	CCCTGTTACCGTCAAGTATTGCGG
3072	AATTCCGGGTTTGAACGGTTGGAA	TTCCAACCGTTCAAACCCGGAATT
3073	GACACGCAATCGGGTCTATGCGAA	TTCGCATAGACCCGATTGCGTGTC
3074	GATTTTGGCGTCTCATTGCGTGAT	ATCACGCAATGAGACGCCAAAATC
3075	TGCCATAGGGAGGAAACGCAATTA	TAATTGCGTTTCCTCCCTATGGCA
3076	GAGGTGCCCATGTTAGTGGTGTCC	GGACACCACTAACATGGGCACCTC

A9

3077	GCTTTAGCGGTCATACGACCACCA	TGGTGGTCGTATGACCGCTAAAGC
3078	CCGCTACCAACAATCCGATTAACG	CGTTAATCGGATTGTTGGTAGCGG
3080	GAGGATCTGGCCACATCGAGAAAG	CTTTCTCGATGTGGCCAGATCCTC
3081	CTCGTTTGGTACCACGTTTTGCCG	CGGCAAAACGTGGTACCAAACGAG
3082	AATACACGCGGCGTAAACAGACGA	TCGTCTGTTTACGCCGCGTGTATT
3083	TGTCATGGGCCAAATGACAGTGGC	GCCACTGTCATTTGGCCCATGACA
3084	ACAGCACTTCCGACCCGTGTACGA	TCGTACACGGGTCGGAAGTGCTGT
3085	CTCCGTAAAGAGCACAGCTTTGCC	GGCAAAGCTGTGCTCTTTACGGAG
3086	ACGAACAGGTAGGGATCGGTCCTC	GAGGACCGATCCCTACCTGTTCGT
3087	TGGATCCACCTTACCGCGCCATCG	CGATGGCGCGGTAAGGTGGATCCA
3088	AGTATCAAATAGCGGCGCGGCAAG	CTTGCCGCGCCGCTATTTGATACT
3089	GAATTACATTGTGGATGGAGGCGG	CCGCCTCCATCCACAATGTAATTC
3090	CTCCTCGGGGAGTCGAGGAGTACG	CGTACTCCTCGACTCCCCGAGGAG
3091	AGTGTCGAGCCAACTCCCACCAAT	ATTGGTGGGAGTTGGCTCGACACT
3092	AAATGACATCCGTTTGGCCACAGC	GCTGTGGCCAAACGGATGTCATTT
3093	CGAATCATATCGCCATCGAACTGG	CCAGTTCGATGGCGATATGATTCG
3094	TATAATGCACTCGCTTGGTGCGCA	TGCGCACCAAGCGAGTGCATTATA
3095	GCCAAGCAGATGGTAATTATGGCG	CGCCATAATTACCATCTGCTTGGC
3096	CACGCGGGAAGAGCACGTAGAACT	AGTTCTACGTGCTCTTCCCGCGTG
3097	TACCCGAGAATTTGGAGAACAGCG	CGCTGTTCTCCAAATTCTCGGGTA
3098	TGACGCAAACTGTGGCATCTATC	GATAGATGCCACAGTTTGCCGTCA
3099	CACAGTGTTCCAGCCCTTGACGAT	ATCGTCAAGGGCTGGAACACTGTG
3100	TACCCGCCCACACATGAAAGTTGG	CCAACTTTCATGTGTGGGCGGGTA
3101	TGGCATATTTAAGATTCGGCGACG	CGTCGCCGAATCTTAAATATGCCA
3102	ACTGAAAAAAGAACGGGTAGCGGG	CCCGCTACCCGTTCTTTTTCAGT
3103	TCTGACCGCAATAGGTGGTCATTG	CAATGACCACCTATTGCGGTCAGA
3104	ACTTTTTGGCGGGCCCTCTCTCGT	ACGAGAGAGGCCCGCCAAAAAGT
3105	CTGCCCAGATCATTGCGCGATCCG	CGGATCGCGCAATGATCTGGGCAG
3106	CGGAGGTTAAATGCTTTAACCGGC	GCCGGTTAAAGCATTTAACCTCCG
3107	AGGCGTCTCCAAACGTCCTTCTGT	ACAGAAGGACGTTTGGAGACGCCT
3108	AGATGCTATCCTGAGTGGGCCTGC	GCAGGCCCACTCAGGATAGCATCT
3109	ACAGGGTGAAGAGACCGTGGGATG	CATCCCACGGTCTCTTCACCCTGT
3110	GACTGTCTAACGGACGACGACG	CGTCGTGTCGTCCGTTAGACAGTC
3111	AGCTGTTAGGACCCGACAACCGGT	ACCGGTTGTCGGGTCCTAACAGCT
3112	TTGCGTAGTGTGGGCATTTCCTCT	AGAGGAAATGCCCACACTACGCAA
3113	ATGCGCGCTTCTTTCCTTGATGTA	TACATCAAGGAAAGAAGCGCGCAT
3114	TTAAGGGCGTCCGCGTCTATTCAG	CTGAATAGACGCGGACGCCCTTAA
3115	ACCTTTAAACTTGTACCGCGGCCC	GGGCCGCGGTACAAGTTTAAAGGT

3116 AGGATECAGAGGCACCACATGTT 3117 CGGTTCGACTCATTAGAGCATCCGCA 3118 CAGGGCGATAGTCACATGGAGGTT 3119 GCTTGACTGCCCCGTTTCATATGT 3120 CGAAGGGGTTGTGCAATTACCCGA 3121 AAAACGCACCGCAATTACCCGA 3121 AAAACGCACCGCAATGACAAAATT 3122 ATTCCTGGACAGACCCTCCAACCG 3123 CCTACCTGCCCGTTTCATATGT 3124 AAAACGCACCGCAATGACAAAATT 3125 ACTACTGACACAGCCCCCTCAACCG 3126 CCTACCTGCCTGCTTTCATATGT 3127 CCTCACCTGCTGCTAGCGGTGAGG 3128 GCTCCTCACCGGTTGAGGGTCTCAACCG 3129 CATCCTACACCGCCCCAATTCACCGC 3128 AGGGGCATTCAGCAGCCCCCAATTCACGACCCCCTTTACGAGC 3129 CATCATCACACAGACCCTCAACCG 3129 CATCATCACAAGACCCTCAACCG 3129 CATCATCACAAGACACCTCTTT 3130 TAAAGACCCACCGTCAACGACCACGC 3131 CCCCAGGCTAATCCACCAACAACACCCCCTTTTCATGT 3131 CCCCAGGCTAATGCACCACCAATAC 3131 CCCCAGGCTAATCCACCAATAC 3132 GCAGGTCGAACCCCAATACCCACCAATAC 3133 GCAACTTAGACCCACATAC 3134 GCAGATACCACCAATGACCACCAATAC 3136 GTTTCGAACCCCACATAC 3137 CCCCAGGCGTAATGCACCCACATAC 3138 GCAACTTAGACCCACATAC 3139 GCAACCCAATGCCCACATAC 3130 TAAAGACCCACCGTCAGCAGCACC 3131 GCACGTAACGCTAGCTGGTC 3131 GCACGTCAACCCCACATAC 3132 GCAGGTCGAACCCCTACGCCCCC 3133 GCAACTTAGCACCCACATAC 3134 GCAGATACGCCCACATAC 3135 CACAGGCCTAAGCCCCCCCCC 3136 GAACCTCAACCCCACATAC 317 TTCACCCACGCGTAACCCCCACTACC 317 CCCCAGGCCTAATCCACCACATAC 318 GCACCTAACCCCACATAC 319 TTCACCCACACCCCCCCCCCCCCCCCCCCCCCCCCCCC			
3118 CAGGGCGATAGTCACATGGAGGTT ACATTGTACTGTCACTTGTGACTATCGCCCTG 3119 GCTTGACTGCCCCGTTTCATATGT ACATATGAAACGGGGCAGTCAAGC 3120 CGAAGGGGTTGTGCAATTACCGA TCGGGTAATTGCACAACCCCTTCG 3121 AAAACGCACCGCAATGACAAAATT AATTTTGTCATTGCACAACCCCTTCG 3122 ATTCCTGGACAAGACCCTCAACCG CGGTTGAGGGTCTTTTTCATGTGACAAGACCCCTTACGAGACCCCTCACCG CGGTTGAGGGATCTTGCCAGGAAT 3123 CCTACCTGCCTGCTAGCGGTGAGG CCTCAACCGCTAGCAGGCAGGTAGG 3124 GCTCGTAAATGGGGAGGAATTGGAG TCCAATTCCTCCCCATTTACGAGC 3125 ACATGAAAACAGGCTCAATTGGGG CCCCAATTGAGCCTGTTTTCATGT 3126 GTTCCGCACATGGATTGAGGTCTC GAGACCCAATCCATGTGCGGAAC 3127 GGCACCCAATACCACGAAGAAGAA TTCTTCTCTTGTGTGTTTCATGT 3128 AGGGGCATTTCGAACTCCATCTTT AAAGATGGAGTTCGAAATGCCCCT 3129 CATCATCACAAAAGGAACGTCGGTG CACCGACGTTCCTTTTGTATGATG 3130 TAAAGACCCACCGTCAGCAGCAGC GCTGCTGCTGACGGTGGGTCTTTA 3131 CCCCCAGGCGTAATGCACCACATAG CTATGTGGTGCCTTTGTGATGATG 3132 GCAGGTCAAACGCACACATAG CTATGTGGTGCACTTGCACCTGGGG 3133 GCAACTTAGGAGATCACACGAAGAAA TTCAACCACTAGCGTTCCACCTGGGG 3134 GCAGGATACGACCACATAG CTATGTGGTGCACTTCCCACTTTGACCTTCC 3134 GCAGATCAGAGCACACTAG CTATGTGGTGCACTCCACCTGGGG 3135 CACAGGCCTAATGCACCACATAG CTATGTGGTGCACTCCACCTGGCG 3136 GTTTTCGCGCACATGGGTTCAA TTCAACCACTAGCGTTCACCCTTCGC 3137 GCAGAGCTCAGGCCTAGGCGTTC GAACGCCGAAGCCTTACTGC 3138 GAAACTTAGGAGCTCAGCAGTACTA TAATGAACCTCATGCCCTATCTGC 3139 GCAGATACGGCTAGCCAGTACTA TAATGAACCTCATGCCCTAAGCCTTACTGC 3131 GCGCCGAAGACTTCACCACCAGTACA TAATAATCAGCCTCAGCCCTAATTCTGC 3131 TIGCGCCGAAGACCCAATAGA TAATAATCAGCCTCAGCCGCAAAAC 3131 TIGCGCCGAAGACCCAATAGA TAATAATCAGCCTCAGCCGCAAAAC 3131 TIGCGCCGAAGACACACACAATAA TAATAATGGTGCCCAACACCCAATG 3141 GTCGGCACTTGGGCACCACTATAAA TAATAATGGTGCCCAACACCCAATG 3141 GTCGGCCACTTGGGCAACACCCAATGACTCCATGCCGCACACACCCAATG 3142 ATCAGTTTTCCCACCACGGAG CTCCATCCAGCAGAACACCCAATG 3143 CCTTCATCAGAGAAAAAGGGG CCCCCTTTCCTCAGCCGAACACCCAATG 3144 CGCTCTCCGGCGCAAGAACACCACACACACACACACACAC	3116	AGGGATGCAGAGGCACCACATGTT	AACATGTGGTGCCTCTGCATCCCT
3119 GCTTGACTGCCCGTTTCATATGT ACATATGAAACGGGGCAGTCAAGC 3120 CGAAGGGGTTGTGCAATTACCCGA TCGGGTAATTGCACAACCCCTTCG 3121 AAAACGCACCGCAATGACAAAATT AATTTTGTCATTGCGGTGCGTTTT 3122 ATTCCTGGACAAGACCCTCAACCG CGGTTGAGGGTCTTTGCCAGGAAT 3123 CCTACCTGCCTGCTGACGGTGAGG CCTCACCGCTAGCAGGCAGGTAGG 3124 GCTCGTAAATGGGGAGGAATTGGA TCCAATTCCTCCCCATTTACGAGC 3125 ACATGAAAACAGGCTCAATTGGG CCCCAATTGAGCCTGTTTTCATGT 3126 GTTCCGCACATGGATTGAGGTCTC GAGACCTCAATCCATGTGCGGAAC 3127 GGCACCCAATACCACGAAGAAGAA TCTTCTTCTCGTGTATTGGGGCC 3128 AGGGCATTTCGAACTCCATCTTT AAAGATGGAGTTCGAAATGCCCCT 3129 CATCATCACAAAGGAACGTCCGTT CACCGACGTTCGTTTTGATGATG 3130 TAAAGACCCACCGTCAGCAGCAG GCTGCTGCTGAGTGGTGTTTAA 3131 CCCCAGGCGTAATGCACCACATAG CTATGTGTGGAATTCCCCCTTTTT 3132 GCAGGTCGAACGCTCAATGCACCACATAG CTATGTGTGGAACTCCATTTA 3133 GGAACTTAGGAGCTCCAATAG CTATGTGTGTGAACTTCAA 3134 GCAGGATACGACGTCAGCAGC GCTGCTGCAGCGGTGGTCTTTA 3135 CACCAGGCCTAAGGATCCCACATAG CTATGTGTGTGAACTTCCACCACAGAGAACTCCACATAG TTCAACCACTAGCGTTCGACCTGC 3136 GAACTTAGGAGTTCACGTCGCCA TGGCGACGTGAACTCCTAAGTTCC 3137 GCAGGACCCACAGCGCGC GCCACCTCAGCTGAGCCTTCGC 3138 GAACTTAGGAGTTCACGTCGCCA TGGCGACGTGAACTCCTAAGTTCC 3139 TTGCGCCGAAGGCTCCGGCGTT TAATGAACCTCTAGGCCTTTGC 3131 GTTTTGCGCGCATGAGGTTCATTA TAATGAACCTCATGCCGCCAAAC 3131 TTTGCGCCTGATGCCACCACGAGTACTA TAAGTAACTCCATGCGCCCAAACC 3131 GCCCAGGGAGACCGAGGAGACTCATAGA TTCATGAACTCCATGCGCCCAAACC 3131 TTGCGCCTGATGCCACCACTGCGC GCGGCACGTGGGAAAGCCTGATATC 3139 TGCGCGGGAGACGGAGATCTATGAA TTCATAGAACTCCATGCGCCCAAACC 3140 CATTGGTGTTTGCCACCACGAGG GCCCACTCAGCCTGGCGCAAACCCAATG 3141 GCCCCACCTTGGGCACCACTAATAA TATTAATGGTGCCCAAGGCGCAAA 3141 GCCTCCCCTTCCACCACGAG GCCCCACTACACACCAATG 3142 ATCGATCGGTCTCACCACGAGG CCCCCTTTCCACCAGGAGAACCCAATG 3143 CGTAGCCTTCCACCAGGAG CCCCCTTCCACCACGGAGAAGCCTAGGAAAACCAATG 3144 CGCTCTCCGCTGGAGAAAAGGGG CCCCCTTTCCACCACGGAGAAACCAATG 3145 TCGCCCCAGCCAAGGAAAAGGGG CCCCCTTTCCACCACGAGAAAACCAATG 3146 CCTTTGCAAGAAGAAAGAGGG CCCCCTTTCCACCACGAGAAAAAAGAGAAAAGAGAAAGAGAAAAGAGAACAAATAAAGAGAACCCAATGAAATATTTGC GAACAACCACGAGGAAGAAATAAAGAGAACCAATGAAAAAGAGAACCAATGAAAAAAGAGAACCAATGAAAAAAGAGAACCCAATGAAAAAAAA		CGGTTCGACGTATGAGCATCCGCA	TGCGGATGCTCATACGTCGAACCG
3120 CGAAGGGGTTGTGCAATTACCGA TCGGGTAATTGCACAACCCCTTCG 3121 AAAACGCACCGCAATGACAAAATT AATTTTGTCATTGCGGTGCGTTTT 3122 ATTCCTGGACAAGACCCTCAACCG CGGTTGAGGGTCTTGTCCAGGAAT 3123 CCTACCTGCCTGCTAGCGGTGAGG CCTCACCGCTAGCAGGCAGGTAGG 3124 GCTCGTAATGGGGAGGAATTGGA TCCAATTCCTCCCCATTTACGAGG 3125 ACATGAAAACAGGCTCAATTGGGG CCCCAATTGAGCCTGTTTCATGT 3126 GTTCCGCACATGGATTGAGGTCTC GAGACCTCCAATCCATCTGTGTGTTTCATGT 3127 GGCACCCAATACCACGAAGAAGAA TTCTTCTCTCCAGTTTTCATGT 3128 AGGGGCATTTCGAACTCCATCTTT AAAGATGGAGTTCGAATTGGGTCC 3129 CATCATCACAAAGGAACGTCGGTG CACCGACGTTCCTTTTGTGATGATG 3130 TAAAGACCCCACCGTCAGCAGCGC GCTGCTGCTGACGGTGGGTCTTTA 3131 CCCCAGGCGTAATGCACCACAATAG CTATGTGGTGTACGCTTGGGG 3132 GCAGGTCGAACGCTAGTGGTTGAA TTCAACCACTAGCGTTCGACCTGC 3133 GGAACTTAGGAGCTCGGCCA TGGCGACGTGCATCCACGGGGGGGT 3134 GCAGATACGGCTAGGTGGTGG CCCACCTCAGCTAGCCGTTCAGCCTGC 3135 CACAGGCCTAGAGCTCGGCGC GCCACCTCAGCTAGCCGTTCCTCTTCGACCTGC 3136 GTTTTGCGCCCATGAGCTCGCCA TGGCGACGGCTAGCCGTTCCTCTAGGTTCC 3137 TTGCGCCGAAGACCTCGGCGTTC GAACGCCCAGAGCCTCTAGCCCTGTG 3138 GATATCAGGCTTAGCACCACATA TAGTACCCACTAGCCGTAGCCTTAGC 3139 TTGCGCCGATGAGGTTCATTA TAATGAACCTCATGCGCCAAAAC 3131 GTTTTGCGCCCATGAGGTTCATA TAGTACCTCATGCGCCAAAAC 3131 GTCGGCGAGAGACCACACACACACACACACACACACACAC	3118	CAGGGCGATAGTCACATGGAGGTT	AACCTCCATGTGACTATCGCCCTG
3121 AAAACGCACCGCAATGACAAAATT AATTTGTCATTGCGGTGCGTTTT 3122 ATTCCTGGACAAGACCCTCAACCG CGGTTGAGGGTCTTGTCCAGGAAT 3123 CCTACCTGCCTGCTAGCGGTGAGG CCTCACCGCTAGCAGGCAGGTAGG 3124 GCTCGTAAATGGGGAGGAATTGGA TCCAATTCCTCCCCATTTACGAGC 3125 ACATGAAAACAGGCTCAATTGGGG CCCCAATTGAGCCTGTTTTCATGT 3126 GTTCCGCACATGGATTGAGGTCTC GAGACCTCAATCCATGTGCGGAAC 3127 GGCACCCAATACCACGAAGAAGAA TTCTTCTTCGTGGTATTGGGTGCC 3128 AGGGGCATTTCGAACTCCATCTTT AAAGATGGAGTTCCGAAATGCCCCT 3129 CATCATCACAAAGGAACGATCCATCTTT AAAGATGGAGTTCCGAAATGCCCCT 3129 CATCATCACAAAGGAACGTCGGTG CACCGACGTTCCTTTGTGATGATG 3130 TAAAGACCCACCGTCAGCAGCAGC GCTGCTGCTGACGGTGGGTCTTTA 3131 CCCCAGGCGTAATGCACCACATAG CTATGTGGTGCACCTGCGGG 3132 GCAGGTCGAACGCTAGTGGTTGAA TTCAACCACTAGCGTTCGACCTGC 3133 GGAACTTAGGAGTTCACGTCCCCA TGGCGACGTACTCCTAGGTTCC 3134 GCAGATACGGCTAGCTGAGGTGGC GCCACCTCAGCCTACCCTGCTGGGG 3135 CACAGGCCTAGAGGTTCCCCCA TGGCGACGTGACTCCTAGCTTTCC 3136 GTTTTGCGCCTAGAGGTTCCTATT TAATGAACCTCATGCGCTAAGCCTTGC 3137 TTGCGCCTGATGCCAGCAGTACTA TAATGAACCTCATGCGCGCAAAAC 3137 TTGCGCCTGATGCCAGCAGTACTA TAATGAACCTCATGCGCGCAAAAC 3137 TTGCGCCTGATGCCAGCAGTACTA TAATGAACCTCATGCGCGCAAAAC 3138 GATATCAGGCTTTCCACTGCCGC GCGGCAGTGGGAAAGCCTGATATC 3139 TGCGCGGAGAACGAACACAACAACAATG 3140 CATTGGTGTTGCCACTGCGCC GCGGCAGTGGGAAAGCCTGATATC 3141 GTCGGCCTTGAGGAGTCAAAA TAATAAAACAACAACCAAACAACAATG 3142 ATCGATCGGTTCCACCACGAG 3144 CCATTGGGTGAGAGTGGAA TAATAAA TATTAATGGTGCCCAAAGCCCAATG 3145 TCGCCCCAGCGAAAACTAAAAAAAAAAAAAAAAAAAAAA	3119	GCTTGACTGCCCCGTTTCATATGT	ACATATGAAACGGGGCAGTCAAGC
3122 ATTCCTGGACAAGACCCTCAACCG CGGTTGAGGGTCTTGTCCAGGAAT 3123 CCTACCTGCTGCTGCTGCGGTGAGG CCTCACCGCTAGCAGGCAGGTAGG 3124 GCTCGTAAATGGGGAGGAATTGGA TCCAATTCCTCCCCATTTACGAGC 3125 ACATGAAAACAGGCTCAATTGGGG CCCCAATTGAGCCTGTTTTCATGT 3126 GTTCCGCACATGGATTGAGGTCTC GAGACCTCAATCCATGTGCGGAAC 3127 GGCACCCAATACCACGAAGAAGAA TTCTTCTTCTGTGGTATTGGGTGCC 3128 AGGGGCATTTCGAACTCCATCTTT AAAGATGAGTTCGAAATGCCCT 3129 CATCATCACAAAGGAACGTCGGTG CACCGACGTTCCTTTTGGATGATT 3130 TAAAGACCCACCGTCAGCAGCAGC GCTGCTGTGACGGTGGGTCTTTA 3131 CCCCAGGCGTAATGCACCACATAG CTATGTGGTGCACTGTGG 3132 GCAGGTCGAACGCTAGTGGTTGAA TTCAACCACTAGCGTGGGGTCTTTA 3133 GGAACTTAGGAGTTCACGTCGCCA TGGCGACGTCGACCTGCGGG 3134 GCAGATACGGCTAGCTGGCGCA TGGCGACGTCCTAAGTTCC 3135 CACAGGCCTAGAGGCTCGGCGTTC GAACGCCGAGCTCTAGCCTGTGC 3136 GTTTTGCGCCGCATGAGGTTCATTA TAATGAACCTCATGCGCGCAAAC 3137 TTGCGCCTGAGAGGCTCGGCGTTC GAACGCCGAGGCTCTAGGCCTGTG 3138 GATATCAGGCTTTCCCACTGCCCC GCGGCAGTGGAACCCTAGGCCTGTG 3139 TGCGCGGAGACGCAGAACC TAGTACTA TAATGAACCTCATGCGCCAAAC 3131 TGCGCCTGATGCCAGCAGATCTA TAATGAACCTCATGCGCCCAA 3131 GAACTTCAGGCTTTCCCACTGCCGC GCGGCAGTGGAAACCCTGATATC 3131 TGCGCCTGATGCCAGCAGATCTA TAATGAACCTCATGCGCCCAA 3140 CATTGGTGTTGGCTGAGAGTGGAC GTCCACTCCACCCGCAA 3141 GTCGGCAACACCATTATAA TATTAATGGTGCCCAACACCCAATG 3142 ATCGATCGGTGTCCACCACGGAG CTCCCGTCTCAGCCGAACCCAATG 3143 CGTAGCCTTCCACCACGGAG CTCCCTCTCAGCCAACACCCAATG 3144 CGCTCTCCGTCTGAGGAAAAGGGG CCCCTTTTTCCTCAGCCAACACCCAATG 3145 TCGCCCAGCCAAGAACTTAATA TATTAATGGTGCCCAACACCCAATG 3146 CCCCCAGCCAAGAAACCTTCACCACGGAG CCCCTTTTTCCTCAGACGAGAGACGAACCCAATG 3147 GTCCTGGACAACACCAATTATG CACACGGTGGAAAACCTTTCCAGCCAACACCCAATG 3148 GCCAAATTAAGCAGCAGAAAAGGGG CCCCCTTTTCCTCAGCCAACACCCAATG 3149 CCATTTGTTGAAGAAAAGAGAGGGGGGGTTTAATA TATTAACACCCTCCGTCTTGCAAGAAGAA 3146 CTCTTCTGAAGGAAAAGGGG CCCCCTTTTCCTCAGCCAACACCCAATGGCGAAAACCTTTTGCACAAGAAAAGAAAAAGAAAAAGAAAAAGAAAAAGAAAAAGAAAA	3120	CGAAGGGTTGTGCAATTACCCGA	TCGGGTAATTGCACAACCCCTTCG
3123 CCTACCTGCTGCTAGCGGTGAGG CCTCACCGCTAGCAGGCAGGTAGG 3124 GCTCGTAAATGGGGAGGAATTGGA TCCAATTCCTCCCATTTACGAGC 3125 ACATGAAAACAGGCTCAATTGGGG CCCCAATTGAGCCTGTTTTCATGT 3126 GTTCCGCACATGGATTGAGGTCTC GAGACCTCAATCCATGTGCGGAAC 3127 GGCACCCAATACCACGAAGAAGAA TTCTTCTTCGTGGTATTGGGTGCC 3128 AGGGGCATTTCGAACTCCATCTTT AAAGATGAGATTCGAATGCCCCT 3129 CATCATCACAAGGAACGTCGGTG CACCGACGTTCTTTTGTGTATGATG 3130 TAAAGACCCACCGTCAGCAGCAGC 3131 CCCCAGGGGTAATGCACCACATAG CTATGTGGTGCACTTGGATGATGATG 3131 CCCCAGGCGTAATGCACCACATAG CTATGTGGTGCACTTGGGGGACTTTAA 3131 CCCCAGGCGTAATGCACCACATAG CTATGTGGTGCACTTGCCCTGGGG 3132 GCAGGTCGAACGCTAGTGGTTGAA TTCAACCACTAGCCTTCGCGG 3133 GGAACTTAGGAGTTCACGTCGCCA TGGCGACGTTCGACCTGCC 3134 GCAGATACGGCTAGCTGAGGTGGC GCCACCTCAGCTAGCCGTACCTGC 3135 CACAGGCCTAGAGGTTCACTTC GAACGCCGAGGCTCTAGGCCTGTG 3136 GTTTTGCGCCGCATGAGGTTCATTA TAATGAACCTCATGCGCGCAAAAC 3137 TTGCGCCTGATGCCAGCAGTACTA TAATGAACCTCATGCGCGCAAAAC 3139 TGCGCGAGAGCGGAGATCTATTA TAATGAACCTCATGCGCGCAAAC 3140 CATTGGTGTTGGCTGAGAGTGGAC GCCACTCAGCCGAACCCAATG 3141 GTCGGCAACACGAGAATCTA TAATAAACCCTCCGTCCCGCCA 3142 ATCCAGGCTTCCACTGCCGC GCCGCCAAGACCCAATG 3143 CGTAGCATTCAGGCGGAAAACCTTAGAA TTCATAGATCTCCGGCCGAA 3144 CCGTTCCGTTGGGCACACACCATTAATA TATTAATGGTGCCCAACACCCAATG 3144 CGCTCCCGTTGGAGAAAAGGGG CTCCCGTTTCCACCGACACCCAATG 3144 CGCTCTCCACTGCGGAAAACCTTAATA TATTAATGGTGCCCAACACCCAATG 3144 CGCTCCCTTCACCACGGAG CTCCCGTTTCCACCGGAGAGCGAAACCTTTCCACCACGGAGAAACCTTTCCACCACGAACACCAATG 3144 CGCTCTCCGTCTGAGGAAAAAGGGG CCCCTTTTTCCTCAGCCAACACCCAATG 3145 TCGCCCAGCCAAGAAAAAGGGG CCCCTTTTCCTCAGCCAACACCCAATG 3146 CCCTTCCGTCTGAAGAAAAAGGGG CCCCTTTTTCCTCAGACGAAGAAAAAAAAAA		AAAACGCACCGCAATGACAAAATT	AATTTTGTCATTGCGGTGCGTTTT
3124 GCTCGTAAATGGGAGGAGATTGGA 3125 ACATGAAAACAGGCTCAATTGGGG 3126 GTTCCGCACATGGAGTCTC GAGACCTCAATCCATGTGCGGAAC 3127 GGCACCCAATACCACGAAGAAGAA TTCTTCTCTCGTGGTATTGGGTGCC 3128 AGGGGCATTTCGAACTCCATCTTT AAAGATGGAGTTCGAAATGCCCCT 3129 CATCATCACAAAGGAACGTCGGTG CACCGACGTTCCTTTGTGATGATG 3130 TAAAGACCCACCGTCAGCAGCAGC GCTGCTGCTGACGGTGGGTCTTTA 3131 CCCCAGGCGTAATGCACCACATAG CTATGTGGTGCACTGCGTGGGTCTTTA 3132 GCAACTTAGGACTCCACATAG CTATGTGGTGCATTACGCCTGGGG 3133 GGAACTTAGGACGCTAGTTGAAA TTCAACCACTAGCGTTCGACCTGC 3134 GCAGATACGGCTAGTGGTTGAA TTCAACCACTAGCGTTCGACCTGC 3135 CACAGGCCTAGGCTAGGTGGCCA TGGCGACGTGACTCCTAAGTTCC 3136 GTTTTGCGCCATGAGGTTCACTTCGCA TGGCACGTCAGCCTAGCCT	3122	ATTCCTGGACAAGACCCTCAACCG	CGGTTGAGGGTCTTGTCCAGGAAT
3125 ACATGAAAACAGGCTCAATTGGGG CCCCAATTGAGCCTGTTTTCATGT 3126 GTTCCGCACATGGATTGAGGTCTC GAGACCTCAATCCATGTGCGGAAC 3127 GGCACCCAATACCACGAAGAAGAA TTCTTCTCTCGTGGTATTGGGTGCC 3128 AGGGGCATTTCGAACTCCATCTTT AAAGATGGAGTTCGAAATGCCCCT 3129 CATCATCACAAAGGAACGTCGGTG CACCGACGTTCCTTTGTGATGATG 3130 TAAAGACCCACCGTCAGCAGCAGC GCTGCTGCTGACGGTGGGTCTTTA 3131 CCCCAGGCGTAATGCACCACATAG CTATGTGGTGCATTACGCCTGGGG 3132 GCAGGTCGAACGCTAGTGGTTGAA TTCAACCACTAGCGTTCGACCTGC 3133 GGAACTTAGGAGTTCACGTCGCCA TGGCGACGTGACTCCTAAGTTCC 3134 GCAGATACGGCTAGCTGAGGTGGC GCCACCTCAGCTAGCCGTTCTC 3135 CACAGGCCTAGAGCTGAGGTGGC GCCACCTCAGCTAGCCGTATCTGC 3136 GTTTTGCGCGCATGAGGTTCATTA TAATGAACCTCATAGCGCTGTGTG 3137 TTGCGCCTGATGCCAGCAGTACTA TAGTACTCCTAGGCGCGAAAAC 3137 TTGCGCCTGATGCCAGCAGTACTA TAGTACTGCGCGCAAAAC 3138 GATATCAGGCTTTCCCACTGCCGC GCGGCAGTGGGAAAGCCTGATATC 3139 TGCGCGGAGACGGAGATCTATAA TATTAATGATCTCCCGCCGCA 3140 CATTGGTGTTGGCTGAGAGTGGAC 3141 GTCGGCACTTGGGCACCATTAATA TATTAATGGTGCCCAACACCAATG 3142 ATCGATCGGTGAGAGTGGAC GTCCACTCTCAGCCAACACCAATG 3143 GCGCGAGACGGAGATCTAATAA TATTAATGGTGCCCAACACCAATG 3144 GTCGGCCTTCCACCACGGAG CTCCCTTCCAGCCAACACCAATG 3145 CGCCCCAGCCAAGGATACTA TATTAATGGTGCCCAAGTGCCGAC 3146 CTCTTCCACCGTGTCGATAG CTCCCTTTCCTCAGCGAAGGCC 3147 CGCCCCAGCCAAGGAATATTTC GCAATATATCCTTGCGTGGAAGAC 3148 GCCCAAGTATATTGC GCAATATATCCTTGCGTGGAAGAC 3149 CTCCTTTCCACGGAGAAAGGGG CCCCTTTTCCAAGAGAA 3148 GCCCAAATTAAGCGGGCTCGTAATC GACGGAAGAGCCTTAACAAAGAGAACTCTGCCGTC 3148 GCCCAAATTAAGCGGGCTCGTAATC GACGGAAGAGCCTTAATTTGGC 3149 CCATTTGTGACGAGAGGGGCCCCCTTTAATTTGGC 3149 CCATTTGTGACCGATGGAGGGGCCCCCTTTAATTTGGC 3149 CCATTTGTGACCGATGGGAGGGGCCCCCTTTAATTTGGC 3150 TGGTCAAAAGAGCACCGATCCAAG	3123	CCTACCTGCCTGCTAGCGGTGAGG	CCTCACCGCTAGCAGGCAGGTAGG
3126 GTTCCGCACATGGATTGAGGTCTC GAGACCTCAATCCATGTGCGGAAC 3127 GGCACCCAATACCACGAAGAAGAA TTCTTCTTCGTGGTATTGGGTGCC 3128 AGGGGCATTTCGAACTCCATCTTT AAAGATGGAGTTCGAAATGCCCCT 3129 CATCATCACAAAGGAACGTCGGTG CACCGACGTTCCTTTGTGATGATG 3130 TAAAGACCCACCGTCAGCAGCAGC GCTGCTGCTGACGGTGGGTCTTTA 3131 CCCCAGGCGTAATGCACCACATAG CTATGTGGTGCACTTCGCCTGGGG 3132 GCAGGTCGAACGCTAGTGGTTGAA TTCAACCACTAGCGTTCGACCTGC 3133 GGAACTTAGGAGTTCACGTCGCCA TGGCGACGTTCCTAAGTTCC 3134 GCAGATACGGCTAGCTGAGGTGGC GCCACCTCAGCTAGCCGTATCTGC 3135 CACAGGCCTAGAGCCTCGGCGTTC GAACGCCGAGGCTCTAGGCCTGTG 3136 GTTTTGCGCCGAACGCTAGAGTTCATTA TAATGAACCTCATGGCCGTATCTGC 3137 TTGCGCCGAACGCATACATA TAGTACTGCTGGCACAGAGAACC 3137 TTGCGCCTGATGCCAACGAGATACTA TAGTACTGCTGGCATCAGGCGCAA 3138 GATATCAGGCTTTCCCACTGCCCC GCGCAGTGGAAAGCCTGATATC 3139 TGCGCGGAACGAGAGACTCATAATA TATTAATGATCTCCGTCTCCGCGCA 3141 GTCGGCACTTGGGCACCATTAATA TATTAATGGTGCCCAACCCAA	3124	GCTCGTAAATGGGGAGGAATTGGA	TCCAATTCCTCCCCATTTACGAGC
3127 GGCACCCAATACCACGAAGAAGAA TTCTTCTTCGTGGTATTGGGTGCC 3128 AGGGGCATTTCGAACTCCATCTTT AAAGATGGAGTTCGAAATGCCCCT 3129 CATCATCACAAAGGAACGTCGGTG CACCGACGTTCCTTTGTGATGATG 3130 TAAAGACCCACCGTCAGCAGCAGC GCTGCTGCTGACGGTGGGTCTTTA 3131 CCCCAGGCGTAATGCACCACATAG CTATGTGGTGCATTACGCCTGGGG 3132 GCAGGTCGAACGCTAGTGGTTGAA TTCAACCACTAGCGTTCGACCTGC 3133 GGAACTTAGGAGTTCACGTCGCCA TGGCGACGTGAACTCCTAAGTTCC 3134 GCAGATACGGCTAGCTGAGGTGGC GCCACCTCAGCTAGCCGTATCTGC 3135 CACAGGCCTAGAGCCTCGGCGTTC GAACGCCGAGGCTCTAGGCCTGTG 3136 GTTTTGCGCCGATGAGGTTCATTA TAATGAACCTCATGGCCGTATCTGC 3137 TTGCGCCTGATGCCAGCAGTACTA TAGTACTGCTGGCATCAGGCCAAAC 3138 GATATCAGGCTTTCCCACTGCCGC GCGGCAGTGGAAACCCTGATATC 3139 TGCGCGGAACGAGAGATCATA TAGTACTGCTGGCACACACACACACACACACACACACACA	3125	ACATGAAAACAGGCTCAATTGGGG	CCCCAATTGAGCCTGTTTTCATGT
3128 AGGGGCATTTCGAACTCCATCTTT AAAGATGGAGTTCGAAATGCCCCT 3129 CATCATCACAAAGGAACGTCGGTG CACCGACGTTCCTTTGTGATGATG 3130 TAAAGACCCACCGTCAGCAGCAGC GCTGCTGCTGACGGTGGGTCTTTA 3131 CCCCAGGCGTAATGCACCACATAG CTATGTGGTGCACCTGC 3132 GCAGGTCGAACGCTAGTGGTTGAA TTCAACCACTAGCGTTCGACCTGC 3133 GGAACTTAGGAGTTCACGTCGCCA TGGCGACGTGAACTCCTAAGTTCC 3134 GCAGATACGGCTAGCTGAGGTGGC GCCACCTCAGCTAGCCGTACTGC 3135 CACAGGCCTAGAGGCTCCGACGTTC GAACGCCGAGGCTCTAGGCCTGTG 3136 GTTTTGCGCCGATGAGGTTCATTA TAATGAACCTCATGCGCGCAAAAC 3137 TTGCGCCTGATGCCAGCAGTACTA TAGTACTGCTGGCACTGAGCCCAA 3138 GATATCAGGCTTTCCCACTGCCGC GCGGCAGTGGGAAAGCCTGATATC 3139 TGCGCGGAGAGCGGAGATCTATGAA TTCATAGATCTCCGTCTCCGCGCA 3140 CATTGGTGTTGGCTGAGAGTGGAC GTCCACTCTCAGCCAACACCAATG 3141 GTCGGCACTTGGGCACCATTAATA TATTAATGGTGCCCAACACCCAATG 3142 ATCGATCGGTGTCCACCACGGAG CTCCGTGTGAGACACCCAATGCATACCCACCGACCACCCCGTCCGACCCACCC	3126	GTTCCGCACATGGATTGAGGTCTC	GAGACCTCAATCCATGTGCGGAAC
3129 CATCATCACAAAGGAACGTCGGTG CACCGACGTTCCTTTGTGATGATG 3130 TAAAGACCCACCGTCAGCAGCAGC GCTGCTGCTGACGGTGGGTCTTTA 3131 CCCCAGGCGTAATGCACCACATAG CTATGTGGTGCATTACGCCTGGGG 3132 GCAGGTCGAACGCTAGTGGTTGAA TTCAACCACTAGCGTTCGACCTGC 3133 GGAACTTAGGAGTTCACGTCGCCA TGGCGACGTGAACTCCTAAGTTCC 3134 GCAGATACGGCTAGCTGAGGTGGC GCCACCTCAGCTAGCCGTATCTGC 3135 CACAGGCCTAGAGGCTCCGACGTTC GAACGCCGAGGCTCTAGGCCTGTG 3136 GTTTTGCGCCGCATGAGGTTCATTA TAATGAACCTCATGCGCGCAAAAC 3137 TTGCGCCTGATGCCAGCAGTACTA TAGTACTGCTGGCACTGAGCCGAAAAC 3138 GATATCAGGCTTTCCCACTGCCGC GCGGCAGTGGGAAAGCCTGATATC 3139 TGCGCGGAGAGCGAGATCTATGAA TTCATAGATCTCCGTCTCCGCGCA 3140 CATTGGTGTTGGCTGAGAGTGGAC GTCCACTCTCAGCCAACACCAATG 3141 GTCGGCACTTGGGCACCATTAATA TATTAATGGTGCCCAACACCCAATG 3142 ATCGATCGGTGTCCACCACGGAG CTCCGTGTGAGACACCCAATGCATACCCACCGACCCACCC	3127	GGCACCCAATACCACGAAGAAGAA	TTCTTCGTGGTATTGGGTGCC
3130 TAAAGACCCACCGTCAGCAGCAGC GCTGCTGACGGTGGGTCTTTA 3131 CCCCAGGCGTAATGCACCACATAG CTATGTGGTGCATTACGCCTGGGG 3132 GCAGGTCGAACGCTAGTGGTTGAA TTCAACCACTAGCGTTCGACCTGC 3133 GGAACTTAGGAGTTCACGTCGCCA TGGCGACCTCAGCTGTCCTAAGTTCC 3134 GCAGATACGGCTAGCTGAGCTGGC GCCACCTCAGCTAGCCGTATCTGC 3135 CACAGGCCTAGAGCTCAGCGTTC GAACGCCGAGGCTCTAGGCCTGTG 3136 GTTTTGCGCCATGAGGTTCATTA TAATGAACCTCATGCGCGCAAAAC 3137 TTGCGCCTGATGCCAGCAGTACTA TAATGAACCTCATGCGCGCAAAAC 3138 GATATCAGGCTTTCCCACTGCCGC GCGCAGTGCTACTAGCGCAAAAC 3139 TGCGCGGAGACGGAGATCTATGAA TTCATAGATCTCCGTCTCCGCGCA 3140 CATTGGTGTGGCTGAGAGTGGAC GTCCACTCCAGCCAACACCAATG 3141 GTCGGCACTTGAGCACCATTAATA TATTAATGGTGCCCAACACCAATG 3142 ATCGATCGGTGTCACCACGGAG CTCCGTGGAGACCGATCGAT 3143 CGTAGCCTTCACCACCGGAG CTCCGTGGAAGACCCGATCGAT 3144 CGCTCTCCACCGTGTCGATAG CTATCGACCACACCGATCGAT 3145 TCGCCCCAGCAAGAAAAGGGG CCCCTTTTCCTCAGCCAACACCGAT 3146 CTCTCTCCGCTTGAGGAAAAGGGG CCCCTTTTCCTCAGCCAACACCAATG 3147 GTCCTCACCAGGAGAAAAGGGG CCCCTTTTCCTCAGCCAGAGAGCG 3146 TCCTCTCAGCAAGAAAAGGGG CCCCTTTTCCTCAGACAGAGAAGCGGAAGACGGATATATTCC GAACAACCAGATGCCGAC 3147 GTCCTGCAAGAAAACGGG CCCCTTTTCCTCAGACAGAGAACCGATCAGAT 3148 GCCAAATTAAGCGGAACACCGATCATAATC GAACACCCTCCGTCTGCCAGGAC 3149 CCATTTGTTGACCAAGAGAGTTTAATC GAACACCCTCCGTCTTTTCCAGAGAGACCGATCCAGACAATTAAGCGGGCCCCTTAATTC GAACACCCCTCCGTCTGCCAGGAC 3149 CCATTTGTTGACCAAGAGAGGGGGCGCCCCCTTCAGTCCACACAAATGG 3150 TGGTCAAAAAGACACCAGATCCAGGA TCCTGGGTCAACAAAATGG 3151 CGCTACTAAGACGCCCCTTGCCAC GTGGACAGGGGGCGTCTTTAGTAGCG 3152 CATACCTCCCGCTTGGATTCACTG CAGTGAATCCAAGCGGGGAGGTATG	3128	AGGGCATTTCGAACTCCATCTTT	AAAGATGGAGTTCGAAATGCCCCT
3131 CCCCAGGCGTAATGCACCACATAG CTATGTGGTGCATTACGCCTGGGG 3132 GCAGGTCGAACGCTAGTGGTTGAA TTCAACCACTAGCGTTCGACCTGC 3133 GGAACTTAGGAGTTCACGTCGCCA TGGCGACGTGAACTCCTAAGTTCC 3134 GCAGATACGGCTAGCTGAGGTGGC GCCACCTCAGCTAGCCGTATCTGC 3135 CACAGGCCTAGAGCCTCGGCGTTC GAACGCCGAGGCTCTAGGCCTGTG 3136 GTTTTGCGCCATGAGGTTCATTA TAATGAACCTCATGCGCGCAAAAC 3137 TTGCGCCTGATGCCAGCAGTACTA TAGTAACTCATGGCGCAAAAC 3138 GATATCAGGCTTTCCCACTGCCGC GCGGCAGTGGGAAAGCCTGATATC 3139 TGCGCGGAGACCGAGAGTCTATGAA TTCATAGATCTCCGTCTCCGCGCA 3140 CATTGGTGTTGGCTGAGAGTGGAC GTCCACTCTCAGCCAACACCAATG 3141 GTCGGCACTTGGGCACCATTAATA TATTAATGGTGCCCAACACCCAATG 3142 ATCGATCGGTGTCTCACCACGGAG CTCCCGTGGAGACACCCAATCG 3143 CGTAGCCTTCCACCGTGTCGATAG CTATCGACCACACGGTGGAAGCTACG 3144 CGCTCTCCGTCTGAGGAAAAGGGG CCCCTTTTCCTCAGACGAGAGCTACG 3145 TCGCCCCAGCCAAGAACACAGGGG CCCCTTTCCTCAGCCAAGAGCAA 3146 TCTCTTGCAAGGAAAAGGGG CCCCTTTCCTCAGCGAGAGAAGCTACG 3147 GTCCTGGACAGGAACTCTGCCGTC GACGGCAGAGTTCCTTCGAGCGAAGAACACCAATG 3148 GCCAAATTAAGCGGGACTATATC GACAGAGGAGTTCCTTGCAAGAGA 3149 CCATTTGTTGACCAGGAGGGCGCCCCCCCCCCCCCCCAGCAGAGACCCGATCGAT	3129	CATCATCACAAAGGAACGTCGGTG	CACCGACGTTCCTTTGTGATGATG
3132 GCAGGTCGAACGCTAGTGGTTGAA TTCAACCACTAGCGTTCGACCTGC 3133 GGAACTTAGGAGTTCACGTCGCCA TGGCGACGTGAACTCCTAAGTTCC 3134 GCAGATACGGCTAGCTGAGGTGGC GCCACCTCAGCTAGCCGTATCTGC 3135 CACAGGCCTAGAGCCTCGGCGTTC GAACGCCGAGGCTCTAGGCCTGTG 3136 GTTTTGCGCGCATGAGGTTCATTA TAATGAACCTCATGCGCGCAAAAC 3137 TTGCGCCTGATGCCAGCAGTACTA TAGTACTGCTGGCATCAGGCGCAA 3138 GATATCAGGCTTTCCCACTGCCGC GCGGCAGTGGGAAAGCCTGATATC 3139 TGCGCGGAGACGGAGATCTATGAA TTCATAGATCTCCGTCTCCGCGCA 3140 CATTGGTGTTGGCTGAGAGTGGAC GTCCACTCTCAGCCAACACCAATG 3141 GTCGGCACTTGGGCACCATTAATA TATTAATGGTGCCCAACACCAATG 3142 ATCGATCGGTGTCTCACCACGGAG CTCCGTGTGAGACACCCAATCG 3144 CGCTCTCCACCGTGTCGATAG CTATCGACACGGTGGAAGGCTACG 3145 TCGCCCCAGCCAAGGAAAAGGGG CCCCTTTTCCTCAGACGGAGAGCG 3146 TCTCTTGCAAGGAAAAGGGG CCCCTTTTCCTCAGACGGAGAGCG 3147 GTCCTGCACGAGGAACACCTGCTC GACGGCAGAGTTCCTTGCAAGAGA 3148 GCCAAATTAAGCGGGCTCGTAATC GATTACCACCGGTCGACCAACACCAATGG 3149 CCATTTGTTGACCAACGGGGGCGCCCCCTTAATTTGCC 3149 CCATTTGTTGACCAATGGGAAGGGG CCCCCTCCCATCGGTCAACAAATGG 3150 TGGTCAAAAAGAGCACCATCAGGA TCCTGGACTGGTCCAACAAAATGG 3151 CGCTCCCGCTTGGATTCACCACGGAG CCCCCTCCCATCGGTCAACAAAATGG 3152 CATACCTCCCGCTTGGATTCACTG CAGTGAATCCAAGCGGGGAGGTTTTG	3130	TAAAGACCCACCGTCAGCAGCAGC	GCTGCTGACGGTGGGTCTTTA
3133 GGAACTTAGGAGTTCACGTCGCCA 3134 GCAGATACGGCTAGCTGAGGTGGC 3135 CACAGGCCTAGAGCCTCGGCGTTC 3136 GTTTTGCGCGCATGAGGTTCATTA TAATGAACCTCATGCGCGCAAAAC 3137 TTGCGCCTGATGCCAGCAGTACTA TAGTACTGCTGGCGCAAAAC 3137 TTGCGCCTGATGCCAGCAGTACTA TAGTACTGCTGGCATCAGGCCGAAAC 3138 GATATCAGGCTTTCCCACTGCCGC GCGCAGTGGGAAAGCCTGATATC 3139 TGCGCGGAGACGGAGATCTATGAA TTCATAGATCTCCGTCTCCGCGCA 3140 CATTGGTGTTGGCTGAGAGTGGAC GTCCACTCTCAGCCAACACCAATG 3141 GTCGGCACTTGGGCACCATTAATA TATTAATGGTGCCCAACACCAATG 3142 ATCGATCGGTGTCCACCACGGAG CTCCGTGGAAGACCCGATCGAT 3143 CGTAGCCTTCCACCACGGAG CTCCGTGGAAGACCCGATCGAT 3144 CGCTCTCCGTCTGAGGAAAAGGGG CCCCTTTTCCTCAGACGGAGAGCG 3145 TCGCCCCAGCCAAGGATATATTGC GCAATATATCCTTGGCTGGGGCGA 3146 TCTCTTGCAAGGAACTCTGCCGTC GACGGCAGAGTTCCTTGCAAGAGA 3147 GTCCTGGACAGGAGACTCTGCCGTC GACGGCAGAGTTCCTTGCAAGAGA 3148 GCCAAATTAAGCGGGGTGTTA TAACACCCTCCGTCTGCAAGAGA 3149 CCATTTGTTGACCGATC GATTACGAGCCCGCTTAATTTGGC 3149 CCATTTGTTGACCGATGGAGGGGG CCCCTCCCATCGGTCAACAAATGG 3150 TGGTCAAAAGAGCACCATCCAGGA TCCTGCGTCCACCAATGG 3151 CGCTACTAAGACCCCCCTTTTCACCACGGGAGGGGGGTCTTTTTTTAACCA 3151 CGCTACTAAGACCCCCCTTTTTCACCACGGGGGGGGGTCTTTAGTAGCG 3152 CATACCTCCCGCTTGGATTCACTG CAGTGAATCCAAGGGGGGGGTCTTTAGTAGCG 3152 CATACCTCCCGCTTGGATTCACTG CAGTGAATCCAAGCGGGGAGGTATG	3131	CCCCAGGCGTAATGCACCACATAG	CTATGTGGTGCATTACGCCTGGGG
3134 GCAGATACGGCTAGCTGAGGTGGC GCCACCTCAGCTAGCCGTATCTGC 3135 CACAGGCCTAGAGCCTCGGCGTTC GAACGCCGAGGCTCTAGGCCTGTG 3136 GTTTTGCGCGCATGAGGTTCATTA TAATGAACCTCATGCGCGCAAAAC 3137 TTGCGCCTGATGCCAGCAGTACTA TAGTACTGCTGGCATCAGGCGCAA 3138 GATATCAGGCTTTCCCACTGCCGC GCGCCAGTGGGAAAGCCTGATATC 3139 TGCGCGGAGAGCGGAGATCTATGAA TTCATAGATCTCCGTCTCCGCGCA 3140 CATTGGTGTTGGCTGAGAGTGGAC GTCCACTCTCAGCCAACACCAATG 3141 GTCGGCACTTGGGCACCATTAATA TATTAATGGTGCCCAACACCCAATG 3142 ATCGATCGGTGTCTCACCACGGAG CTCCGTGGAGACACCCAATG 3143 CGTAGCCTTCCACCGTGTCGATAG CTCCGTGGAAGGCTACG 3144 CGCTCTCCGTCTGAGGAAAAGGGG CCCCTTTTCCTCAGACGGAGAGCG 3145 TCGCCCCAGCCAAGGATATTTGC GCAATATATCCTTGGCTGGGGCGA 3146 TCTCTTGCAAGGAACTCTGCCGTC GACGGCAGAGTTCCTTGCAAGAGA 3147 GTCCTGGACAGGAGACTCTGCCGTC GACGGCAGAGTTCCTTGCAAGAGA 3148 GCCAAATTAAGCGGGCTCGTAATC GATTACGAGCCCGCTTAATTTGGC 3149 CCATTTGTTGACCGATGGGAGGGG CCCCCTCCCATCGGTCAACAAATGG 3150 TGGTCAAAAGAGCACGATCCAGGA TCCTGGACCAGGGGCGTTTATTTTGACCA 3151 CGCTACTAAGACGCCCCCTTTCCACCG	3132	GCAGGTCGAACGCTAGTGGTTGAA	TTCAACCACTAGCGTTCGACCTGC
3135 CACAGGCCTAGAGCCTCGGCGTTC 3136 GTTTTGCGCGCATGAGGTTCATTA TAATGAACCTCATGCGCGCAAAAC 3137 TTGCGCCTGATGCCAGCAGTACTA 3138 GATATCAGGCTTTCCCACTGCCGC 3140 CATTGGTGTTGGCTGAGAGTCTAATA 3141 GTCGGCACATGAGAGTCAATA 3142 ATCGATCGGTGCACCACCAGGAG 3143 CGTAGCCTTCCCACCGGAGACTCAGGCGCAA 3144 CGCTCCCGCTGAGAAAGGGAGCTCAAAAC 3145 CGCCCCACCGTGCGAAAAGGGAAAAGGCAAAACGAATG 3146 CGCTCCCGTCTGAGAAAAGGGG 3147 GTCGCCCAAGAGAAAAGGGAAAAAGGAAAAAGAAAAAGAAAAAA	3133	GGAACTTAGGAGTTCACGTCGCCA	TGGCGACGTGAACTCCTAAGTTCC
3136 GTTTTGCGCGCATGAGGTTCATTA TAATGAACCTCATGCGCGCAAAAC 3137 TTGCGCCTGATGCCAGCAGTACTA TAGTACTGCTGGCATCAGGCGCAA 3138 GATATCAGGCTTTCCCACTGCCGC GCGGCAGTGGGAAAGCCTGATATC 3139 TGCGCGGAGACGGAGATCTATGAA TTCATAGATCTCCGTCTCCGCGCA 3140 CATTGGTGTTGGCTGAGAGTGGAC GTCCACTCTCAGCCAACACCAATG 3141 GTCGGCACTTGGGCACCATTAATA TATTAATGGTGCCCAAGTGCCGAC 3142 ATCGATCGGTGTCTCACCACGGAG CTCCGTGGAGACACCCAATG 3143 CGTAGCCTTCCACCGTGTCGATAG CTATCGACACGGTGGAAGGCTACG 3144 CGCTCTCCGTCTGAGGAAAAGGGG CCCCTTTTCCTCAGACGGAGAGCG 3145 TCGCCCCAGCCAAGGATATATTGC GCAATATATCCTTGGCTGGGGCGA 3146 TCTCTTGCAAGGAACTCTGCCGTC GACGGCAGAGTTCCTTGCAAGAGA 3147 GTCCTGGACAGGAGGTGTTA TAACACCCTCCGTCTGTCCAGGAC 3148 GCCAAATTAAGCGGGCTCGTAATC GATTACGAGCCCGCTTAATTTGGC 3149 CCATTTGTTGACCGATGGGAGGGG CCCCTCCCATCGGTCAACAAATGG 3150 TGGTCAAAAGAGCACGATCCAGGA TCCTGGATCGTCTTTTTGACCA 3151 CGCTACTAAGACGCCCCTTGTCCAC GTGGACAGGGGGGCGTCTTAGTAGCG 3152 CATACCTCCCGCTTGGATTCACTG CAGTGAATCCAAGCGGGAGGTATG	3134	GCAGATACGGCTAGCTGAGGTGGC	GCCACCTCAGCTAGCCGTATCTGC
3137 TTGCGCCTGATGCCAGCAGTACTA TAGTACTGCTGGCATCAGGCGCAA 3138 GATATCAGGCTTTCCCACTGCCGC GCGCAGTGGGAAAGCCTGATATC 3139 TGCGCGGAGACGGAGATCTATGAA TTCATAGATCTCCGTCTCCGCGCA 3140 CATTGGTGTTGGCTGAGAGTGGAC GTCCACTCTCAGCCAACACCAATG 3141 GTCGGCACTTGGGCACCATTAATA TATTAATGGTGCCCAAGTGCCGAC 3142 ATCGATCGGTGTCTCACCACGGAG CTCCGTGGAGACACCCATCGAT 3143 CGTAGCCTTCCACCGTGTCGATAG CTATCGACACGGTGGAAGGCTACG 3144 CGCTCTCCGTCTGAGGAAAAGGGG CCCCTTTTCCTCAGACGGAGAGCG 3145 TCGCCCCAGCCAAGGATATATTGC GCAATATATCCTTGGCTGGGGCGA 3146 TCTCTTGCAAGGAACTCTGCCGTC GACGGCAGAGTTCCTTGCAAGAGA 3147 GTCCTGGACAGCGAGGGTGTTA TAACACCCTCCGTCTGCCAGGAC 3148 GCCAAATTAAGCGGGCTCGTAATC GATTACGAGCCCGCTTAATTTGGC 3149 CCATTTGTTGACCGATGGGAGGGG CCCCTCCCATCGGTCAACAAATGG 3150 TGGTCAAAAGAGCACGATCCAGGA TCCTGGATCGTCTTTTTGACCA 3151 CGCTACTAAGACGCCCCTTGTCCAC GTGGACAGGGGGGGTCTTTAGTAGCG 3152 CATACCTCCCGCTTGGATTCACTG CAGTGAATCCAAGCGGGAGGTATG	3135	CACAGGCCTAGAGCCTCGGCGTTC	GAACGCCGAGGCTCTAGGCCTGTG
3138 GATATCAGGCTTTCCCACTGCCGC GCGGCAGTGGGAAAGCCTGATATC 3139 TGCGCGAGACGGAGATCTATGAA TTCATAGATCTCCGTCTCCGCGCA 3140 CATTGGTGTTGGCTGAGAGTGGAC GTCCACTCTCAGCCAACACCAATG 3141 GTCGGCACTTGGGCACCATTAATA TATTAATGGTGCCCAAGTGCCGAC 3142 ATCGATCGGTGTCTCACCACGGAG CTCCGTGGTGAGACACCGATCGAT 3143 CGTAGCCTTCCACCGTGTCGATAG CTATCGACACGGTGGAAGGCTACG 3144 CGCTCTCCGTCTGAGGAAAAGGGG CCCCTTTTCCTCAGACGGAGAGCG 3145 TCGCCCCAGCCAAGGATATATTGC GCAATATATCCTTGGCTGGGGCGA 3146 TCTCTTGCAAGGAACTCTGCCGTC GACGGCAGAGTTCCTTGCAAGAGA 3147 GTCCTGGACAGGAGTGTTA TAACACCCTCCGTCTGCCAGGAC 3148 GCCAAATTAAGCGGGCTCGTAATC GATTACGAGCCCGCTTAATTTGGC 3149 CCATTTGTTGACCGATGGGAGGGG CCCCTCCCATCGGTCAACAAATGG 3150 TGGTCAAAAGAGCACGATCCAGGA TCCTGGATCGTGCTCTTTTTGACCA 3151 CGCTACTAAGACGCCCCTTGTCCAC GTGGACAGGGGGGTCTTTAGTAGCG 3152 CATACCTCCCGCTTGGATTCACTG CAGTGAATCCAAGCGGGAGGTATG	3136	GTTTTGCGCGCATGAGGTTCATTA	TAATGAACCTCATGCGCGCAAAAC
TICATAGATCTCCGCGCA TICATAGATCTCCGCGCA TICATAGATCTCCGCGCA TATAGATCTCCGCGCA TICATAGATCTCCGCGCA TATAGATCTCCGCGCA TATAGATCTCCGCGCA TATAGATCTCCGCGCA TATAGATCTCCGCCAACACCAATG TATTAATGGTGCCAACACCAATG TATTAATGGTGCCCAAGTGCCGAC TATCGATCGGTGTCTCACCACGGAG CTCCGTGGTGAGACACCGATCGAT CGTAGCCTTCCACCGTGTCGATAG TCATCGACACGGTGCCAACACCACTGCACC TCCGTGGTGAGACACCGATCGAT CGTAGCCTTCCACCGTGTCGATAG TCCCCCAGCCAAGGAAAAAGGGG CCCCTTTTCCTCAGACGGAGAGCG TCCCTCCGTCTGAGGAAAAAGGGG CCCCTTTTCCTCAGACGGAGAGCG TCCCTGCAAGGAACTCTGCCGTC GACGGCAGAGTTCCTTGCAAGAGA TCCTTGCAAGAACACCGGGGGTGTTA TAACACCCTCCGTCTGTCCAGGAC TATACGAGCCCGCTTAATTTGGC TATACGAGCCCGCTTAATTTGGC TATACGAGCCCGCTTAATTTGGC TATACGAGCCCGCTTAATTTGGC TATACGAGCCCGCTTAATTTGGC TCCTGGATCGTCCACCAACAAATGG TCCTGGATCGTGCTCTTTTTGACCA TCCTGGATCGTGCTCTTTTTTGACCA TCCTGGATCGTGCTCTTTTTGACCA TCCTGGATCATAGGAGGGGCGTCTTTAGTAGCG TCCTGCATCAGGAGGGGCGTCTTTAGTAGCG TCCTGCATCAGGAGGGGCGTCTTAGTAGCGGGAGGTATG TCTGGATCAGATCCAAGCGGGGGGGGTATG	3137	TTGCGCCTGATGCCAGCAGTACTA	TAGTACTGCTGGCATCAGGCGCAA
3140 CATTGGTGTTGGCTGAGAGTGGAC GTCCACTCTCAGCCAACACCAATG 3141 GTCGGCACTTGGGCACCATTAATA TATTAATGGTGCCCAAGTGCCGAC 3142 ATCGATCGGTGTCTCACCACGGAG CTCCGTGGTGAGACACCGATCGAT 3143 CGTAGCCTTCCACCGTGTCGATAG CTATCGACACGGTGGAAGGCTACG 3144 CGCTCTCCGTCTGAGGAAAAGGGG CCCCTTTTCCTCAGACGGAGAGCG 3145 TCGCCCCAGCCAAGGATATATTGC GCAATATATCCTTGGCTGGGGCGA 3146 TCTCTTGCAAGGAACTCTGCCGTC GACGGCAGAGTTCCTTGCAAGAGA 3147 GTCCTGGACAGACGGAGGGTGTTA TAACACCCTCCGTCTGTCCAGGAC 3148 GCCAAATTAAGCGGGCTCGTAATC GATTACGAGCCCGCTTAATTTGGC 3149 CCATTTGTTGACCGATGGGAGGG CCCCTCCCATCGGTCAACAAATGG 3150 TGGTCAAAAGAGCACGATCCAGGA TCCTGGATCGTCTTTTTGACCA 3151 CGCTACTAAGACGCCCCTTTCCAC GTGGACAGCGGGAGGTATG	3138	GATATCAGGCTTTCCCACTGCCGC	GCGGCAGTGGGAAAGCCTGATATC
3141 GTCGGCACTTGGGCACCATTAATA TATTAATGGTGCCCAAGTGCCGAC 3142 ATCGATCGGTGTCTCACCACGGAG CTCCGTGGTGAGACACCGATCGAT 3143 CGTAGCCTTCCACCGTGTCGATAG CTATCGACACGGTGGAAGGCTACG 3144 CGCTCTCCGTCTGAGGAAAAGGGG CCCCTTTTCCTCAGACGGAGAGCG 3145 TCGCCCCAGCCAAGGATATATTGC GCAATATATCCTTGGCTGGGGCGA 3146 TCTCTTGCAAGGAACTCTGCCGTC GACGGCAGAGTTCCTTGCAAGAGA 3147 GTCCTGGACAGACGGAGGGTGTTA TAACACCCTCCGTCTGTCCAGGAC 3148 GCCAAATTAAGCGGGCTCGTAATC GATTACGAGCCCGCTTAATTTGGC 3149 CCATTTGTTGACCGATGGGAGGGG CCCCTCCCATCGGTCAACAAATGG 3150 TGGTCAAAAGAGCACGATCCAGGA TCCTGGATCGTGCTCTTTTGACCA 3151 CGCTACTAAGACGCCCCTTGTCCAC GTGGACAGGGGCGTCTTAGTAGCG 3152 CATACCTCCCGCTTGGATTCACTG CAGTGAATCCAAGCGGGAGGTATG	3139	TGCGCGGAGACGGAGATCTATGAA	TTCATAGATCTCCGTCTCCGCGCA
3142 ATCGATCGGTGTCTCACCACGGAG CTCCGTGGAGACACCGATCGAT 3143 CGTAGCCTTCCACCGTGTCGATAG CTATCGACACGGTGGAAGGCTACG 3144 CGCTCTCCGTCTGAGGAAAAGGGG CCCCTTTTCCTCAGACGGAGAGCG 3145 TCGCCCAGCCAAGGATATATTGC GCAATATATCCTTGGCTGGGGCGA 3146 TCTCTTGCAAGGAACTCTGCCGTC GACGGCAGAGTTCCTTGCAAGAGA 3147 GTCCTGGACAGACGGAGGGTGTTA TAACACCCTCCGTCTGTCCAGGAC 3148 GCCAAATTAAGCGGGCTCGTAATC GATTACGAGCCCGCTTAATTTGGC 3149 CCATTTGTTGACCGATGGGAGGGG CCCCTCCCATCGGTCAACAAATGG 3150 TGGTCAAAAGAGCACGATCCAGGA TCCTGGATCGTGCTCTTTTGACCA 3151 CGCTACTAAGACGCCCCTGTCCAC GTGGACAGGGGCGTCTTAGTAGCG 3152 CATACCTCCCGCTTGGATTCACTG CAGTGAATCCAAGCGGGAGGTATG	3140	CATTGGTGTTGGCTGAGAGTGGAC	GTCCACTCTCAGCCAACACCAATG
3143 CGTAGCCTTCCACCGTGTCGATAG CTATCGACACGGTGGAAGGCTACG 3144 CGCTCTCGGTCTGAGGAAAAGGGG CCCCTTTTCCTCAGACGGAGAGCG 3145 TCGCCCCAGCCAAGGATATATTGC GCAATATATCCTTGGCTGGGGCGA 3146 TCTCTTGCAAGGAACTCTGCCGTC GACGGCAGAGTTCCTTGCAAGAGA 3147 GTCCTGGACAGACGGAGGGTGTTA TAACACCCTCCGTCTGTCCAGGAC 3148 GCCAAATTAAGCGGGCTCGTAATC GATTACGAGCCCGCTTAATTTGGC 3149 CCATTTGTTGACCGATGGGAGGGG CCCCTCCCATCGGTCAACAAATGG 3150 TGGTCAAAAGAGCACGATCCAGGA TCCTGGATCGTGCTCTTTTGACCA 3151 CGCTACTAAGACGCCCCTTGTCCAC GTGGACAGGGGGCGTCTTAGTAGCG 3152 CATACCTCCCGCTTGGATTCACTG CAGTGAATCCAAGCGGGAGGTATG	3141	GTCGGCACTTGGGCACCATTAATA	TATTAATGGTGCCCAAGTGCCGAC
3144 CGCTCTCCGTCTGAGGAAAAGGGG CCCCTTTTCCTCAGACGGAGAGCG 3145 TCGCCCCAGCCAAGGATATATTGC GCAATATATCCTTGGCTGGGCGA 3146 TCTCTTGCAAGGAACTCTGCCGTC GACGGCAGAGTTCCTTGCAAGAGA 3147 GTCCTGGACAGACGGAGGGTGTTA TAACACCCTCCGTCTGTCCAGGAC 3148 GCCAAATTAAGCGGGCTCGTAATC GATTACGAGCCCGCTTAATTTGGC 3149 CCATTTGTTGACCGATGGGAGGGG CCCCTCCCATCGGTCAACAAATGG 3150 TGGTCAAAAGAGCACGATCCAGGA TCCTGGATCGTGCTCTTTTGACCA 3151 CGCTACTAAGACGCCCCTGTCCAC GTGGACAGGGGCGTCTTAGTAGCG 3152 CATACCTCCCGCTTGGATTCACTG CAGTGAATCCAAGCGGGAGGTATG	3142	ATCGATCGGTGTCTCACCACGGAG	CTCCGTGGTGAGACACCGATCGAT
3145 TCGCCCAGCCAAGGATATATTGC GCAATATATCCTTGGCTGGGGCGA 3146 TCTCTTGCAAGGAACTCTGCCGTC GACGGCAGAGTTCCTTGCAAGAGA 3147 GTCCTGGACAGACGGAGGGTGTTA TAACACCCTCCGTCTGTCCAGGAC 3148 GCCAAATTAAGCGGGCTCGTAATC GATTACGAGCCCGCTTAATTTGGC 3149 CCATTTGTTGACCGATGGGAGGGG CCCCTCCCATCGGTCAACAAATGG 3150 TGGTCAAAAGAGCACGATCCAGGA TCCTGGATCGTGCTCTTTTGACCA 3151 CGCTACTAAGACGCCCCTTGTCCAC GTGGACAGGGGCGTCTTAGTAGCG 3152 CATACCTCCCGCTTGGATTCACTG CAGTGAATCCAAGCGGGAGGTATG	3143	CGTAGCCTTCCACCGTGTCGATAG	CTATCGACACGGTGGAAGGCTACG
3146 TCTCTTGCAAGGAACTCTGCCGTC GACGGCAGAGTTCCTTGCAAGAGA 3147 GTCCTGGACAGACGGAGGGTGTTA TAACACCCTCCGTCTGTCCAGGAC 3148 GCCAAATTAAGCGGGCTCGTAATC GATTACGAGCCCGCTTAATTTGGC 3149 CCATTTGTTGACCGATGGGAGGGG CCCCTCCCATCGGTCAACAAATGG 3150 TGGTCAAAAGAGCACGATCCAGGA TCCTGGATCGTGCTCTTTTGACCA 3151 CGCTACTAAGACGCCCCTGTCCAC GTGGACAGGGGCGTCTTAGTAGCG 3152 CATACCTCCCGCTTGGATTCACTG CAGTGAATCCAAGCGGGAGGTATG	3144	CGCTCTCCGTCTGAGGAAAAGGGG	CCCCTTTTCCTCAGACGGAGAGCG
3147 GTCCTGGACAGACGGAGGTGTTA TAACACCCTCCGTCTGTCCAGGAC 3148 GCCAAATTAAGCGGGCTCGTAATC GATTACGAGCCCGCTTAATTTGGC 3149 CCATTTGTTGACCGATGGGAGGGG CCCCTCCCATCGGTCAACAAATGG 3150 TGGTCAAAAGAGCACGATCCAGGA TCCTGGATCGTGCTCTTTTGACCA 3151 CGCTACTAAGACGCCCCTGTCCAC GTGGACAGGGGCGTCTTAGTAGCG 3152 CATACCTCCCGCTTGGATTCACTG CAGTGAATCCAAGCGGGAGGTATG	3145	TCGCCCCAGCCAAGGATATATTGC	GCAATATATCCTTGGCTGGGGCGA
3148 GCCAAATTAAGCGGGCTCGTAATC GATTACGAGCCCGCTTAATTTGGC 3149 CCATTTGTTGACCGATGGGAGGGG CCCCTCCCATCGGTCAACAAATGG 3150 TGGTCAAAAGAGCACGATCCAGGA TCCTGGATCGTGCTCTTTTGACCA 3151 CGCTACTAAGACGCCCCTGTCCAC GTGGACAGGGGCGTCTTAGTAGCG 3152 CATACCTCCCGCTTGGATTCACTG CAGTGAATCCAAGCGGGAGGTATG	3146	TCTCTTGCAAGGAACTCTGCCGTC	GACGGCAGAGTTCCTTGCAAGAGA
3149 CCATTTGTTGACCGATGGGAGGG CCCCTCCCATCGGTCAACAAATGG 3150 TGGTCAAAAGAGCACGATCCAGGA TCCTGGATCGTGCTCTTTTGACCA 3151 CGCTACTAAGACGCCCCTGTCCAC GTGGACAGGGGCGTCTTAGTAGCG 3152 CATACCTCCCGCTTGGATTCACTG CAGTGAATCCAAGCGGGAGGTATG	3147	GTCCTGGACAGACGGAGGGTGTTA	TAACACCCTCCGTCTGTCCAGGAC
3150 TGGTCAAAAGAGCACGATCCAGGA TCCTGGATCGTGCTCTTTTGACCA 3151 CGCTACTAAGACGCCCCTGTCCAC GTGGACAGGGGCGTCTTAGTAGCG 3152 CATACCTCCCGCTTGGATTCACTG CAGTGAATCCAAGCGGGAGGTATG	3148	GCCAAATTAAGCGGGCTCGTAATC	GATTACGAGCCCGCTTAATTTGGC
3151 CGCTACTAAGACGCCCCTGTCCAC GTGGACAGGGGCGTCTTAGTAGCG 3152 CATACCTCCCGCTTGGATTCACTG CAGTGAATCCAAGCGGGAGGTATG	3149	CCATTTGTTGACCGATGGGAGGGG	CCCCTCCCATCGGTCAACAAATGG
3152 CATACCTCCCGCTTGGATTCACTG CAGTGAATCCAAGCGGGAGGTATG	3150	TGGTCAAAAGAGCACGATCCAGGA	TCCTGGATCGTGCTCTTTTGACCA
2450	3151	CGCTACTAAGACGCCCCTGTCCAC	GTGGACAGGGGCGTCTTAGTAGCG
3153 CCGCGGAAGGAATGTCATCTACAA TTGTAGATGACATTCCTTCCGCGG	3152	CATACCTCCCGCTTGGATTCACTG	CAGTGAATCCAAGCGGGAGGTATG
	3153	CCGCGGAAGGAATGTCATCTACAA	TTGTAGATGACATTCCTTCCGCGG

3154	CACGGGACATTCATTCACAGGACG	CGTCCTGTGAATGAATGTCCCGTG
3156	AGGAGTCACCCACTCCGCACAAAA	TTTTGTGCGGAGTGGGTGACTCCT
3157	TCATGACAGCGCACCCCATACCAT	ATGGTATGGGGTGCGCTGTCATGA
3158	GGTAGGGGACTATCGATCGTGCTG	CAGCACGATCGATAGTCCCCTACC
3159	ATGTCTCACTACCGCACGTAGCGG	CCGCTACGTGCGGTAGTGAGACAT
3161	ACGGAGGAGCGACTCGTTCGCTGC	GCAGCGAACGAGTCGCTCCTCCGT
3162	GAAGTCTGTCGCCGGTGGACGGAC	GTCCGTCCACCGGCGACAGACTTC
3163	CCGTAACGTGTATTCGGACGAGCG	CGCTCGTCCGAATACACGTTACGG
3164	CGTGGAAGCGACTTAACCAATCGT	ACGATTGGTTAAGTCGCTTCCACG
3165	GGCATGGGCTATGCCTCACACTAG	CTAGTGTGAGGCATAGCCCATGCC
3166	GGGTCGTATTTCAGCATCGTTCGT	ACGAACGATGCTGAAATACGACCC
3167	AATGGTCGCGCAAACCGTAAGAAT	ATTCTTACGGTTTGCGCGACCATT
3168	CTGGATTCGGTACGTCCAACGTTT	AAACGTTGGACGTACCGAATCCAG
3169	CGCAAAAACACCCGTAGCCAAGAA	TTCTTGGCTACGGGTGTTTTTGCG
3170	TATGGATACGCTTTTGGACTGGGC	GCCCAGTCCAAAAGCGTATCCATA
3171	GCTTCAAACGCGCTTCACGCTGGT	ACCAGCGTGAAGCGCGTTTGAAGC
3172	TACAGCCCGCTCTACCTCGCCACC	GGTGGCGAGGTAGAGCGGGCTGTA
3173	TCAACCGATGTCAAAATGCACGTT	AACGTGCATTTTGACATCGGTTGA
3174	AGCTCTCCGAAGTAGGGCGGTA	TACCGCCCTACTTCGGAGAGAGCT
3175	ACGCACACATGGAGACTTGGCTCC	GGAGCCAAGTCTCCATGTGTGCGT
3176	TTCTTGAAAGCTAGTGGGGCGCTA	TAGCGCCCCACTAGCTTTCAAGAA
3177	CAATCACGGCTGGGCTATTCTGTG	CACAGAATAGCCCAGCCGTGATTG
3178	GTGGCGACCCGTCGGTGAAAGAGT	ACTCTTTCACCGACGGGTCGCCAC
3179	CGTCGAATGCCGAACCAGTTAAGT	ACTTAACTGGTTCGGCATTCGACG
3180	TGCGTATTTGCATGCTCACAGCTG	CAGCTGTGAGCATGCAAATACGCA
3181	CGCAGTTGGTTTGTGCACGGCTGC	GCAGCCGTGCACAAACCAACTGCG
3182	GTTTTTCCGTGAAAACTGGCATCG	CGATGCCAGTTTTCACGGAAAAAC
3183	ACAGGTTCCTCCACCACGATTTGA	TCAAATCGTGGTGGAGGAACCTGT
3184	CTAGCGCGCTTTTAGGTCCTTGCG	CGCAAGGACCTAAAAGCGCGCTAG
3185	CAAAATCAAAGGGATCAACCGGTG	CACCGGTTGATCCCTTTGATTTTG
3186	AACGTAACCCCAGTGAGTCAGGCA	TGCCTGACTCACTGGGGTTACGTT
3187	TCAACCGGTGCACTTTAGAACGCC	GGCGTTCTAAAGTGCACCGGTTGA
3188	ATCGCAAAGTTGCAGGCGAATACT	AGTATTCGCCTGCAACTTTGCGAT
3189	ATATGTCCCTGGGTGCTGCACAAC	GTTGTGCAGCACCCAGGGACATAT
3190	TGGCACTTTGTAGTGCTGCGGTGG	CCACCGCAGCACTACAAAGTGCCA
3191	ACGCACGACGTCCTTCTAAGCTCG	CGAGCTTAGAAGGACGTCGTGCGT
3192	CCCACGTGCACTATAGGGATTTCG	CGAAATCCCTATAGTGCACGTGGG
3193	CCGCGCTTGGTCAGTCATCCTTGC	GCAAGGATGACTGACCAAGCGCGG

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3194 AGGGCTCAGGGATTAGCACAGG 3195 ACAACGCGATCGGAGGCAACCAGT 3196 AGCAATTGCCTCGGAGGCAACCAGT 3197 GAGTCGTGGCTCGTAGAAACCCA 3197 GAGTCGTGGCTGCTATCG 3198 TCTATGCAAATACTGCGCTTGCGA 3199 TCAGCTTAAGTTACGGTGTGGCC 3200 TCCAAGGTCGAACAGGGATTTGCACTTAGGA 3201 GTTAGGCTGACACAGGGATCAGAA 3202 GTTGCAAGACAGGGATCAGAA 3202 GTTGCAAGGCGCACACCGTAACTTAGACCC 3203 CCGGCGGCTAAATACGGCTT 3204 CTAACGTCAAGAACAGGATCT 3205 GCAGCACACGGTAACTTAGACCC 3206 CCGCCCCACACCGTAACTTAGCCCCGA 3207 CCGGCGGCTAAATAGCGCTT 3208 CCGCGGGGCTAAAGAGAGGACTCG 3209 CTAACGTCAAGAACAGGACTCC 3200 CCGCCGGGCTAAACAGAACACCCCCCAAC 3201 CTAACGTCAAGACACACCCCCAA 3202 GTTCATAAGGAAGAGGGCATCG 3203 CCGGCGGGCTAACAAAACTTTCT 3204 CTAACGTCAAGTTTCCGACTTTCCT 3205 GCAGCACAGTTTTCCGCCCCGA 3206 CCGCACGCAAGGGGAGGAGAACACCCCCCAG 3207 CCGGGGGCTAAACACACCCCCAA 3208 TTCTCCAACACGGCTAACCCGTAG 3209 TTACAGCCTGACCCCCAA 3209 TTACAGCCTGACCCCCAA 3210 TTTCCGACACCGGCAGCTAACCCGTAG 3211 CTACTGGACCCCGAACACCGTAG 3211 CTACTGGACGCCCGAAGTTATCCAA 3211 CTACTGGACGCCCGAAGTTATCCAA 3212 GGTCGTCCCACCGGTAGACACAC 3213 GTTTTCAACGCCCGCACCAAGACCCGTAACCCGCCGAAACCGGCACCCGAACACCGCCCCAAAACCACC		T	
3196 AGCAATTGCCTCCGTAGAAACCCA 3197 GAGTCGTGGCATCGCTGTATCG 3198 TCTATGCAAATACTGCGCTTGCGA 3198 TCTATGCAAATACTGCGCTTGCGA 3199 TCAGCTTAGGTACGCGCCG 3200 TCCAAGGTCGAACAGGGATCAGAA 3200 TCCAAGGTCGAACAGGGATCAGAA 3201 GTTAGGCTGAACAGGGATCAGAA 3202 GGTGTCATAAGGTAGGCCTT 3202 GGTGTCATAAGGAACAGGGATCAGAA 3203 CCGGCGGGCTCAATAGCGCTT 3204 CTAACGTCAAAGAGAGGGCATCG 3205 CCGGCGGGCTAGATCAATATTTCT 3206 CCGACAGCTCAACCCCCGA 3207 CCGACGGGCTAGATCAATATTTCT 3208 CCGCACACCTTTAGACCCCCGA 3209 CTAACGTCAAGTTTTACGCCCCGA 3200 CCGACGCAGCTTTTCCGCCCGA 3201 CTACAGGTCAAGTTTTACGCCCCGA 3202 CCGCGGGGCTAGATCAATATTTCT AGAAATATTGATCTAGCCCCCGC 3203 CCGGCGGGCTAGATCAATATTTCT AGAAATATTGATCTAGCCCCCCGC 3204 CTAACGTCAAGGTTTTCCGCCCCGA 3205 CCGCACACAGTTTTCCGATTTGCGC 3206 CGCACACAGTTTTCCGATTTTGCGC 3207 CGGGGCCGAAAAGCGACGTCACAAG 3208 TTCCCAACACGGCTAACCGGTAG 3208 TTCCCAACACGGCTAACCGGTAG 3209 TTACAGCCTGGCCCGAGAGTAGTTG 3210 TTTCGACCCCTGCCTTTCGAAGT 3211 CTACTGGCCCGAAGAGGATGATTACGAA 3211 CTACTGGCCCGAAGGAGTAACCAGT 3212 GGTCGTCCGACGTGAAAAGACCAA 3213 GTTTTCGACCCCTGCTTTCCAAGT 3214 GCGTGACAGCCCTGCTTTCCAAGA 3215 TTTCTGAACGCCTTGCAAGC 3213 GTTTTCGAACGCCTGGTACAAGCCAGGCTCTAAACCAGGGCTCCAAAAC 3214 GCGTGAAGGAACCCAAC 3215 TTTCTGAACGCCTTTCCCCCAGGC 3216 TGCTAATAAGCACCCCTGCTTCCAACAC 3217 AAATTAATTGTGGTGCCCAAAC 3218 TTCTCAACACGCCTTCCCCCTTCCAACAC 3219 GCTGAAAGACCCCCTACCAGGCCCTACCAGCCCTTCACGC 3210 TTTCTAACGCCCCGAACAC 3211 TTCTGAACGCCTTCCCCGTACAACC 3212 TTTCTGAACGCCTTCCCCCTTCCAACC 3213 TTTCTGAACGCCTTTCCCCCAACC 3214 TACAACCCCCTGCCCCCT 3226 CGCCGGAGAAAAGAGCCTCCAAAAC 3217 TACAGCCCGAACAC 3218 TTTCTGAACGCCTTGCCCCT 3221 TTCTGAACGCCTTGCCCCT 3221 TTCTGAACGCCTTGCCCCT 3222 GGGCTCAATAGAAGACC 3223 TTCTCAAGCAACCCCCTTCACTCACC 3224 TTGCAACACGCCTTACCAGCCCTTCACCCCT 3225 TTGCAAGAACACCCCCTTCCCCCTTCCAGCCCAACACCTACAATTAATT	3194	AGCGGCTCAGGGAATAACAACAGG	CCTGTTGTTATTCCCTGAGCCGCT
3197 GAGTCGTGGCATCGCCTGCTATCG 3198 TCTATGCAAATACTGCGCTTGCGA 3199 TCAGCTTAAGTTACGGTGTGGCCG 3199 TCAGCTTAAGTTACGGTGTGGCCG 3200 TCCAAGGTCGAACAGGGATCAGAA 3201 GTTAGGCTGGACAGGGATCAGAA 3201 GTTAGGCTGAACAGGGATCAGAA 3202 GGGTGTCATAAGGACTT AAGCCCTATTGACGCCAGCCTTAC 3203 CCGGCGGGCTAAATAGCGCTT AAGCCTATTGACGCCAGCCTAAC 3204 CTAACGTCAAGTATTTCT AGAAATATTGATCTGACCCCGA 3205 GCAGCACACGTAACTTTACGCCCGA 3206 CGCACGCAAGTTTTCCGATTTGCG 3207 CCGGCGGGCTAGATCAATATTTCT 3208 CCGCACGCAAGGGATGACAA 3207 CGGCGGGGCTAGATCAATATTTCT 3208 CCGCACGCAAGGGAACACGCTAGC 3209 CCGCACGCAAGGGAACACGCCACAC 3209 TTACAGCCTGCCCGA 3209 TTACAGCCTGGCCCGAACACCGTTAGCCCCCCGAACCCCTTTCCGTTGCGCCCGAACCCCCCGACCCCAACCCCCCCGACCCCAACCCCCC			ACTGGTTGCCTCCGATCGCGTTGT
3198 TCTATGCAAATACTGCGCTTGCGA 3199 TCAGCTTAAGTTACGGTTGGCCG GCGCCACCCGTAACTTAAGCTGA 3200 TCCAAGGTCGAACAGGGATCAGAA TTCTGATCCCTTTCGACCTTGGA 3201 GTTAGGCTGGCGCTCAATAGCGCTT AAGCGCTATTGACGCCAGCCTAAC 3202 GGTGTCATAAGAAAGAGGGCATCG CGATGCCCTCTTCCTTATGACACC 3203 CCGGCGGGCTAGATCAATATTTCT AGAAATATTGATCTAGCCCGCCGC 3204 CTAACGTCAAGTTTTACGCCCCGA 3205 GCAGCACAGTTTTACGCCCCGA 3206 CGCACGCAAGTTTTCCGATTTGCGG 3206 CGCACGCAAGTTTTCCGATTTGCGG 3207 CGGGGGCGAAAAGGAGGGATGACT 3208 TTCTCCAACACGCAACACGGTAG 3209 TTACAGCCTGAGCCCAAGAG 3210 TTTCGACCACGGCCCGAGGTAGTTG 3211 CTACTGGACCCCGAAGTTTTCGAA 3211 CTACTGGACCCCGAAGAGAGAGAGACCAA 3211 CTACTGGACCCCGAGTAACCGGTAG 3212 GGTCGTCGACGTTTCCAAGATTTCCAA 3213 GTTTTCGAGCCCCGAAGAAACACCAA 3214 GCGTGACGCCCGACGTAACACAC 3215 TTTCTGAACGTTTCCACACAC 3216 TGCTACAGGTAAAAGACCAA 3217 AAATTAATTGAGCCCCGAACACC 3218 TTTCTGAACGCTTCCACACC 3219 TTTCTGAACGCTTCCACACCCCTCCCTTTCCACCCCAAAA 3210 TTTCCACCACGCCCTGCTTTCCACCC 3211 CTACTGGACCCCCTGCTTTCCACCC 3212 GGTCGTCCGACGTGAAAAGACCAA 3213 GTTTTCAAGCACCCCTGCTTTCCACCCCAAA 3214 GCGTGACAAGGACCAAC 3215 TTTCTGAACGCTTTCCACCACC 3216 TTTCTGAACGCTTCCACCCCGT 3217 AAATTAATGGTGGCCCCGAACAC 3218 TTACAACCCTCGGGCCCAACAC 3219 TTACAACCCTCGGCCCAACAC 3210 TTTCTGAACGCTTCCACCCCGT 3211 TTCTGAACGCTTCCACCCCGT 3212 TTTCTGAACGCTTCCACCCCGT 3213 TTTCTGAACGCTTCCACCCCGT 3214 TTCTGAACGCTTCCACCCCGT 3215 TTTCTGAACGCTTCCACCCCGT 3216 TTTCTGAACGCTTCCACCCCGT 3217 AAATTAATTGGTGGCTCCAGCCA 3218 TTCCAACACCCCACACACCCCCCCCCCCCACACATTAATTT 3218 TTACAATCCTCGGGCTCACTGACA 3219 GCTGAAGGAACAACCCTCCACCACATTGAT 3211 TGCAGTACGACACACCCCACCCCCCCCCCCCCCCCCCACACATTAAATTT 3212 TTACAATCCTCGGGCTCACTGACA 3213 TTACAATCCTCGGGCTCACTGACA 3214 GCCTGAAGGACACCCCACCCCCCCCCCCCCCCCCCCCCC			TGGGTTTCTACGGAGGCAATTGCT
3199 TCAGCTTAAGTTACGGTGTGGCCG CGGCCACACCGTAACTTAAGCTGA 3200 TCCAAGGTCGAACAGGGATCAGAA TTCTGATCCCTGTTCGACCTTGGA 3201 GTTAGGCTGGCGTCAATAGCGCTT AAGCGCTATTGACGCCAGCCTAAC 3202 GGTGTCATAAGGAAGAGGGCATCG CGATGCCCTTCTTCTTATGACACC 3203 CCGGCGGGCTAGATCAATATTTCT AGAAATATTGATCTAGCCCGCCGG 3204 CTAACGTCAAGTTTTACGCCCCGA TCGGGCGTAAAACTTGACGTTAG 3205 GCAGCACAGTTTTACGCCCCGA TCGGGCGTAAAACTTGACGTTAG 3206 CGCACCAAGGGGAGGGATGACTG CAGTCATCCCTCCCCTTTGCGTGCG 3207 CGGGGCCGAAAAGGACGTCACAAG CTTGTGACGCCCCCGG 3208 TTCTCCAACACGGCTAACCGGTAG CTACCGGTTAGCCGTCCCGG 3209 TTACAGCCTGGCCCGAGGTAGTTG CAACTACCTCGCGTGCAGAAA 3210 TTTCGGGCAGCAGAGTTATCGAA TCGAGACACTGGCCCAGAAA 3211 CTACTGGACGCCTGCTTCGAAGT ACTTCCAACCAGGCTACAAG 3212 GGTCGTCCGACCGTTCGAAGT ACTTCCAACCAGGCGTCACAAG 3213 GTTTTCGAACCCCTGCTTTCCACACA TCGAGACAAGGCCTCAAAAC 3214 GCGTGAAGGTACCAACAC CTGGGACAAAGCCTCAAAC 3215 TTTCTGAACGCTTTTCTCCGCAGG CCTGCGGAGAAAAACCCAA 3216 TGCTAATAAGCACCAACAC GTGTTACCAGCAGAAACCCAGCCTTCAACAC 3217 AAATTAATTGTGGTGGCCCAGCCAACAC GTGTTGCCCCAAAACCCACCACACACCCACCACACACCCACC	3197		CGATAGCAGGCGATGCCACGACTC
3200 TCCAAGGTCGAACAGGGATCAGAA 3201 GTTAGGCTGCGTCAATAGCGCTT AAGCGCTATTGACGCCAGCCTAAC 3202 GGTGTCATAAGGAAGAGGGCATCG 3203 CCGGCGGGCTAGATCAATATTTCT AGAAATATTGATCTAGCCCGCGG 3204 CTAACGTCAAGTTTTACGCCCCGA 3205 GCAGCACAGTTTTACGCCCCGA 3206 CCGCAGCAAGGGAGAGAGGAGTACCT 3207 CGGGGCCGAAAACTTTCCGATTTGCGG 3207 CGGGGCCGAAAACGGAAAACTGGCTGC 3208 TTCTCCAACAGGCAAGAGCGTCACAAG 3209 TTACAGCCTGGCCGAGGTAGCTG 3209 TTACAGCCTGGCCGAGGTAGACTG 3210 TTTCGGACCCGGAGGTAGACTG 3211 CTACTGGACCCTGCCTGCTTCGAAGT 3212 GGTCGTCCGACGAGGAGAGACCAAA 3211 CTACTGGACCCCTGCTTCGAAGT 3212 GGTCGTCCGACGAGAAAGACCAA 3213 GTTTCCAACAGGCTAACAGACCAAG 3214 GCGTAAGACACACACACAC 3215 TTTCTCAACCACGTTACCAAG 3216 TTTCTCAACCACGTACAAG 3217 CAATAATTATTGACACCACACACACCCCTGCAAAACCACACACA	3198	TCTATGCAAATACTGCGCTTGCGA	TCGCAAGCGCAGTATTTGCATAGA
3201 GTTAGGCTGCGTCAATAGCGCTT AAGCGCTATTGACGCCAGCCTAAC 3202 GGTGTCATAAGGAAGAGGGCATCG CGATGCCCTCTTCCTTATGACACC 3203 CCGGCGGGCTAGATCAATATTTCT AGAAATATTGATCTAGCCCGCGG 3204 CTAACGTCAAGTTTTACGCCCCGA 3205 GCAGCACAGTTTTACGCCCCGA 3206 CGCACGCAAGGGGAGGGATTGCGGCTGCCGGCGGCGGCCGCAAAACTTGACGTTAGCGTTAG 3207 CGGGGCCGAAAAGGGAGGAGGAGAACCGGTAAACCTTGCGCTGCG 3208 TTCTCCAACAGGGAAGGACGTCACAAG 3209 TTACAGCCTGGCCAAGGTAGCTGCACAAG 3209 TTACAGCCTGGCCGAGGTAGTTG 3210 TTTCGGACCCCTGCCTTTCGAAGT 3211 CTACTGGACCCCTGCTTCGAAGT 3212 GGTCGTCCGACGTAAAAGACCAA 3213 GTTTTCGACCCCTGCTTCGAAGT 3214 GCGTGAAGGTACCCAGTGACCCGTAA 3215 TTTCTGAACGCTTTTCTCCGCAGG 3216 TGCTAATAAGCACCACTTTCTCACCC 3217 AAATTAATTGTGGTGCCCAGACAC 3218 TTACAAGCACGCCTACCCCGT 3219 GCTGAAGGACACCCCTGCTCGACCCCGT 3219 GCTGAAGGACACCCCTGCCCCGT 3218 TTACAATCCTCGGGCCCACACAC 3219 GCTGAAGGACACCCCTGCCCCGT 3210 TTCCGACGCCTCACCCCGT 3211 CTACTGGACGCCCACCACACAC 3212 CTACTGAACGCCCTGCTCCGCCCGT 3213 CTTTCCGACCCCCTGCCCCGT 3214 GCGTAAAAGACCCACTGCCCCGT 3215 TTTCTGAACGCTCTTCCCCCCGGC 3216 TGCTAATAAGCACCCCTACCCCCGT 3217 AAATTAATTGTGGTGGCTCCGGCG 3218 TTACAATCCTCGGGGCTCACTGACA 3219 GCTGAAGGACAAGCCGTGCCCGT 3219 GCTGAAGGACAAGCCGTCACCACACACCCCCCCCCCCCC	3199	TCAGCTTAAGTTACGGTGTGGCCG	CGGCCACACCGTAACTTAAGCTGA
3202 GGTGTCATAAGGAAGAGGGCATCG CGATGCCCTCTTCCTTATGACACC 3203 CCGGCGGGCTAGATCAATATTTCT AGAAATATTGATCAGCCCGCGG 3204 CTAACGTCAAGTTTTACGCCCCGA TCGGGGCGTAAAACTGTGCTGC 3205 GCAGCACAGTTTTCCGATTTGCGG CCGCAAATCGGAAAACTGTGCTGC 3206 CGCACGCAAGGGGAGGGATGACTG CAGTCATCCCTCCCCTTGCGTGCG 3207 CGGGGCCGAAAAGGACGTCACAAG CTTGTGACGTCTTTCGGCCCCG 3208 TTCTCCAACACGGCTAACCGGTAG CTACCGGTTAGCCGTGTGGAAA 3209 TTACAGCCTGGCCCGAGGTTATCCAA TTCGATCACCTCGGGCCAGGCTGTAA 3210 TTTCGGACGCCTGCTCGAAGT ACTTCGATCACTCGGGCCAGGCTGTAA 3211 CTACTGGACGCCTGCTAAAGT ACTTCGATGCCGAAA 3212 GGTCGTCCGACGTGAAAAAGACCAA TTGGATAACTCATGCTGCCCGAAA 3213 GTTTTCGAGCCCTGCTTCGAAGT ACTTCGAAGCAGGGCGTCCAGTAG 3214 GCGTGAAGAAGACCAA TTGGATCACTTCACGCCGACACACACACACACACACACAC	3200	TCCAAGGTCGAACAGGGATCAGAA	TTCTGATCCCTGTTCGACCTTGGA
3203 CCGGCGGGCTAGATCATATTTCT AGAAATATTGATCTAGCCCGCGG 3204 CTAACGTCAAGTTTTACGCCCCGA TCGGGGCGTAAAACTTGACGTTAG 3205 GCAGCACAGTTTTCCGATTTGCG CCGCAAATCGGAAAACTTGACGTTAG 3206 CGCACGCAAGGGGAGGGATGACTG CAGTCATCCCTCCCCTTGCGTGCG 3207 CGGGGCCGAAAAGGACGTCACAAG CTTGTGACGTCCTTTCCGCCCG 3208 TTCTCCAACACGGCTAACCGGTAG CTACCGGTTAGCCGTGTGAGAA 3209 TTACAGCCTGGCCCGAGGTTATCCGAA TTCGATACCTCATGCTGCCCGAAA 3210 TTTCGGGCACGCAGGTTATCAAA TTCGATAACTCATGCTGCCCGAAA 3211 CTACTGGACGCCCTTCCGAAGT ACTTGAAGCAGGAGCGCCCAGAAA 3212 GGTCGTCCGACGTGAAAAGACCAA TTTGGATAACTCATGCTGCCCGAAA 3213 GTTTTCGAGCGCCTTCCGAAGT ACTTCAAGCAGGACCACCAAATAACACG 3214 GCGTGAAGAAGACCAA TTGGTTTTTCACGTCGGACGACC 3215 TTTCTGAACGCTTTCTCCGCAGG CCTGCGGAGAAAGACCTCGAACACCAGTGTACCCAGTGTCACACAC GTGTTGCACACTGGGTACCTTCAACAC 3216 TGCTAATAAGCACCGCTAGCCCGT ACGGCTCGAAACCACACACACACACACACACACACACACA	3201	GTTAGGCTGGCGTCAATAGCGCTT	AAGCGCTATTGACGCCAGCCTAAC
3204 CTAACGTCAAGTTTTACGCCCCGA TCGGGGCGTAAAACTTGACGTTAG 3205 GCAGCACAGTTTTCCGATTTGCGG CCGCAAATCGGAAAACTTGTGCTGC 3206 CGCACGCAAGGGGAGGATGACTG CAGTCATCCCTCCCCTTGCGTGCG 3207 CGGGGCCGAAAAGGACGTCACAAG CTTGTGACGTCCTTTCCGGCCCG 3208 TTCTCCAACACGGCTAACCGGTAG CTACCGGTTAGCCGTGTTGGAGAA 3209 TTACAGCCTGGCCCGAGGTAGTTG CAACTACCTCGGGCCAGGCTGTAA 3210 TTTCGGGCACGAGGTAGTTG CAACTACCTCGGGCCAGACTGTAA 3211 CTACTGGACGCCCTGCTTCGAAGT ACTTCGAAGCAGGCGTCCAGTAG 3212 GGTCGTCCGACGTGAAAAGACCAA TTGGTCTTTTCACGTCGGACGACC 3213 GTTTTCGAGCTCTTTCTCCGCAGG CCTGCGGAGAAAACC 3214 GCGTGAAGGTACCCAGTGTCACAG CTGTGACACTGGGACACCC 3215 TTTCTGAACGCTTCGACGCAACAC GTGTTGCGTCGAAGAC 3216 TGCTAATAAGCACGCCTAGCCCGT ACGGGCTGCTTATTAGCA 3217 AAATTAATTGTGGTGGCTCCGGCC 3218 TTACAATCCTCGGGCTCACTGACA TGCCGGAGCCACACAAATTAATTT 3218 TTACAATCCTCGGGCTCACTGACA TGCCCGTTGCCCCGAGGGTTCAGAA 3219 GCTGAAGGACAAGGCGTGGCAAC GTTCCACGCCGAGGAGCCCCAACACTAATTAATTT 3218 TTACAATCCTCGGGCTCACTGACA TGCCCGCTTGTCCTTCAGC 3220 GGGATAGGAACACGCGTGGCAACA TTCATGCCACGCCTTGTCCTTCAGC 3221 TTGCAGTAGGAACCCCTCGCAATGGT ACCATTGCGAAGGGTTCCTTACCC 3221 TTGCAGTAGGAGCCCTCGCAATGGT ACCATTGCGAAGGGTTCCCTTCAGC 3222 GGGATAGGAGACCCTCGCAATGGT ACCATTGCGAAGGACTTCCCCC 3221 TTGCAGTACGTCCTTTGCGCATGAA TTCATGCGCAAGGGTTCCCAAA 3222 TTGATCACTGGATTGGTAAA TTCATGCGCAAGGACTTCCAAA 3223 TCTGCAGAAGGTTGCGAAACGTTTGCAAAACCGTTTCCCCCCCC	3202	GGTGTCATAAGGAAGAGGGCATCG	CGATGCCCTCTTCCTTATGACACC
3205 GCAGCACAGTTTTCCGATTTGCGG 3206 CGCACGCAAGGGGAGGATGACTG 3207 CGGGGCCGAAAAGGACGTCACAAG 3208 TTCTCCAACACGGCTAACCGGTAG 3209 TTACAGCCTGGCCCGAAGGTAGTTG 3210 CTACCGGTTAGCCGTTTTCGGCCCGG 3208 TTCTCCAACACGGCTAACCGGTAG 3209 TTACAGCCTGGCCCGAGGTAGTTG 3210 CTACCGGCCGAGGTAGTTG 3210 CTACTGGACGCCCGAGGTAGTTG 3211 CTACTGGACGCCCGAGGTAGTTACGAA 3212 GGTCGTCCGACCGTTCGAAGT 3212 GGTCGTCCGACGTGAAAAGACCAA 3213 GTTTTCGAGCCCTGCTTCGAAGT 3214 GCGTGAAGGTACCCAGTGTCACAG 3215 TTTCTGAACGCTTTCTCCGCAGG 3215 TTTCTGAACGCTTCGACGC 3216 TGCTAATAAGCACGCCTAGCCCGT 3217 AAATTAATTGTGGTGGCCCGGC 3218 TTACAACCCCTTCGACGC 3219 GCTGAAGGACACAC GTGTTACACA 3219 GCTGAAGGACACACC GTGTTGCACACACACACACACACACACACACACACACACA	3203	CCGGCGGCTAGATCAATATTTCT	AGAAATATTGATCTAGCCCGCCGG
3206 CGCACGCAAGGGAAGGATGACTG CAGTCATCCCCCTTGCGTGCG 3207 CGGGGCCGAAAAGGACGTCACAAG CTTGTGACGTCCCTTTTCGGCCCCG 3208 TTCTCCAACACGGCTAACCGGTAG CTACCGGTTAGCCGTGTTGAGAAA 3209 TTACAGCCTGGCCCGAGGTAGTTG CAACTACCTCGGGCCAGGCTGTAA 3210 TTTCGGGCAGCATGAGTTATCGAA TTCGATACTCATGCTGCCCGAAA 3211 CTACTGGACGCCTGCTTCGAAGT ACTTCGAAGCAGGGCGTCCAGTAG 3212 GGTCGTCCGACGTGAAAAGACCAA TTGGTCTTTCACGTCGGACCACC 3213 GTTTTCGAGCTCTTTCTCCGCAGG CCTGCGGAGAAAGACCAA 3214 GCGTGAAGGTACCCAGTGTCACAG CTGTGAAAGCCTTCACGC 3215 TTTCTGAACGCTCTGCACGCAACAC GTGTTGCGTCGAAAAC 3216 TGCTAATAAGCACGCCTAGCCCGT ACGGCTTCAGAAA 3217 AAATTAATTGTGGTGGCTCCGGC CGCCGGAGCCACCACAATTAATTT 3218 TTACAATCCTCGGGCTCACTGACA TGTCAGTGAGCCCCGAGGATTGTAA 3219 GCTGAAGGACAAGGCGTGGCAACAC GTTGCCCAGAGAGCTTCAGCC 3220 GGGATAGGAGACACTCGCAATGGT ACCATTGCCCAGCCCTTTCCCC 3221 TTGCAGTAGAGACCCTTGCCCATGAA TTCATGCGAAGGGTTCCTTCACC 3221 TTGCAGTAGAGACACCTTCGCAATGGT ACCATTGCGAAGGGTTCCTTACCC 3221 TTGCAGTAGAGACCCTTGCGCAATGGT ACCATTGCGAAGGGTTCCTTACCC 3221 TTGCAGTACGTCCTTGCGCATGAA TTCATGCGCAACGACTACTACAA 3222 GGGATAGAGACACTCTGCAAA TTCATCCCCAACCACTACCAGTGATCAA 3223 TCTGCAGACGTTGCGAAGAACTAATGAAG CTTCGCACCCAATCCAGTGATCAA 3224 AGTCTACCTGGATTGGGTGCGAAC GTTCGCACCCAATCCAGTGATCAA 3225 GGGGTCCCGCAACAACTAATGAAG CTTCATTTTTTTCGCGCAACCCCCAACCACTACAACTACAACTAATGAAG CTTCATTTTTTTTTT	3204	CTAACGTCAAGTTTTACGCCCCGA	TCGGGGCGTAAAACTTGACGTTAG
3207 CGGGGCCGAAAAGGACGTCACAAG CTTGTGACGTCCTTTGCGCCCCG 3208 TTCTCCAACACGGCTAACCGGTAG CTACCGGTTAGCCGCCCG 3209 TTACAGCCTGGCCCGAGGTAGTTG CAACTACCTCGGGCCAGGCTGTAA 3210 TTTCGGGCAGCATGAGTTATCGAA TTCGATAACTCATGCTGCCCGAAA 3211 CTACTGGACGCCCTGCTTCGAAGT ACTTCGAAGCAGGGCGTCCAGTAG 3212 GGTCGTCCGACGTGAAAAGACCAA TTGGTCTTTTCACGTCGGACCACC 3213 GTTTTCGAGCTCTTTCCCGCAGG CCTGCGGAGAAAACCCA 3214 GCGTGAAGGTACCCAGTGTCACAG CTGTGACACTGGGTACCTTCACGC 3215 TTTCTGAACGCTTCGACGCAACAC GTGTTGCGTCGAAGACAC 3216 TGCTAATAAGCACGCCTAGCCCGT ACGGCTGCAAACCGCTTAGAAAA 3217 AAATTAATTGTGGTGGCTCCGGCG CGCCGAGCCACCACAATTAATTT 3218 TTACAATCCTCGGGGTCACTGACA TGTCAGTGAGCCCGAGGATTGTAA 3219 GCTGAAGGACAAGGCGTGGCAACAC GTTGCCCACGCCTTTCCAGC 3220 GGGATAGGACAAGGCGTGGCCAAC 3221 TTGCAGTAGGAGACACCTCGCAATGAA TTCAGTGCAGGAGAGCTTCCTATCCC 3221 TTGCAGTAGGTCCTTGCGCATGAA TTCATGCGAAGGACTCCTATCCCC 3221 TTGCAGTAGGTCCTTGCGCATGAA TTCATGCGCAAGGACTACCAGAAA 3222 TTGATCACTGGATTGGGTGCAACA TTCATGCGCAAGGACCACCAATCAATCAGT 3223 TCTGCAGACGTTGCGAAGAA TTCATCCCCAACGTCTTCCAGA 3224 AGTCTAGCAGGATTGGAAC TTCATCCCCAACCTTGCAGAA 3225 GGGGTCCCGCAACAACTAATGAA TTCATCTCTCGCAACGTCTGCAGA 3226 CAACCTCTTATGTGGTGCCCAA ATCCAGTGTTCCCCTAGACT 3227 CTCGCTGGGTTGCTGAACACCCAACCCAACCCAATAAAGAGGTTG 3228 CGTTGTATTGTGGAACACCCAACCCAACCCAACCCAACC	3205	GCAGCACAGTTTTCCGATTTGCGG	CCGCAAATCGGAAAACTGTGCTGC
3208 TTCTCCAACACGGCTAACCGGTAG CTACCGGTTAGCCGTGTTGGAGAA 3209 TTACAGCCTGGCCCGAGGTAGTTG CAACTACCTCGGGCCAGGCTGTAA 3210 TTTCGGGCAGCATGAGTTATCGAA TTCGATAACTCATGCTGCCCGAAA 3211 CTACTGGACGCCTGCTTCGAAGT ACTTCGAAGCAGGGCGTCCAGTAG 3212 GGTCGTCCGACGTGAAAAGACCAA TTGGTCTTTCACGTCGACGACC 3213 GTTTTCGAAGCTCTTTCTCCGCAGG CCTGCGGAGAAAACCAA 3214 GCGTGAAGGTACCCAGTGTCACAG CTGTGACACTTCACGC 3215 TTTCTGAACGCTTCGACGCACACAC GTGTTGCGAAGACGTTCAAAAC 3216 TGCTAATAAGCACGCCTAGCCCGT ACGGGCTAGCCTTATTAGCA 3217 AAATTAATTGTGGTGGCTCCGGCG CGCCGGAGCCACCACAATTAATTT 3218 TTACAATCCTCGGGCTCACTGACA TGTCAGTGAGCCCGAGAATTTAATTT	3206	CGCACGCAAGGGGAGGGATGACTG	CAGTCATCCCTCCCTTGCGTGCG
3219 TTACAGCCTGGCCCGAGGTAGTTG CAACTACCTCGGGCCAGGCTGTAA 3210 TTTCGGGCAGCATGAGTTATCGAA TTCGATAACTCATGCTGCCCGAAA 3211 CTACTGGACGCCTGCTTCGAAGT ACTTCCGAGCGTCCAGTAG 3212 GGTCGTCCGACGTGAAAAGACCAA TTGGTCTTTTCACGTCGGACGACC 3213 GTTTTCGAGCTCTTTCTCCGCAGG CCTGCGGAGAAAGAGCTCGAAAAC 3214 GCGTGAAGGTACCCAGTGTACAAG CTGTGACACTGGGTACCTTCACGC 3215 TTTCTGAACGCTTCGACGCACACAC GTGTTGCGTCGAAGACGTTCAGAAA 3216 TGCTAATAAGCACGCCTAGCCCGT ACGGGCTAGGCGTTCATTAGCA 3217 AAATTAATTGTGGTGGCTCCGGCG CGCCGGAGCCACCACAATTAATTT 3218 TTACAATCCTCGGGCTCACTGACA TGTCAGTGAGCCCGAGGATTGTAA 3219 GCTGAAGGACAAGGCGTGGGCAAC GTTGCCCACGCCTTGTCCTTCAGC 3220 GGGATAGGAGACCCTCGCAATGGT ACCATTGCGAGGGTCTCCTTCACC 3221 TTGCAGTACGTCCTTGCGCATGAA TTCATGCGAAGGACGTACTGCAA 3222 TTGATCACTGGGTGCGAAC GTTCGCACCCAATCCAGTGATCAA 3223 TCTGCAGACGTTGCGAAGACGTTCCCCCACCCCTTGTCCTTCAGC 3224 AGTCTAGCAGGGATCGAAGCGGAT ATCATCTCTCGCAACGTCTGCAGA 3225 GGGGTCCCGCAACACAACTAATGAAG CTTCATTAGTTGTTGCGGAACCT 3226 CAACCTCTTATGGGTGCGCA TCCCCTTCGCAACGTTTGCCCC 3227 CTCGCAGACGATCGAACACTAATGAAG CTTCATTAGTTGTTTGCGGGACCCC 3228 CGTTGTATTAGTGGTGCGCGA TCCCCCACCACAACAACACACACACACACAACACA	3207	CGGGGCCGAAAAGGACGTCACAAG	CTTGTGACGTCCTTTTCGGCCCCG
3210 TTTCGGCAGCATGAGTTATCGAA 3211 CTACTGGACGCCCTGCTTCGAAGT 3212 GGTCGTCCGACGTGAAAAGACCAA 3213 GTTTTCGAGGTTCTCCGCAGG 3214 GCGTGAGGTACCCAGTGTCACAG 3215 TTTCTGAACGCTTTCGACGC 3216 TTTCTGAACGCTTCGACGC 3217 AAATTAATTGTGGTGGCCCGT 3218 TTACAATCCTCGGGGTCACTGACA 3219 GCTGAAGGACACCCGT 3210 AAATTAATTGTGGTGGCTCCGGCG 3211 TTCCGACGCCTACCCGT 3212 ACCTGCGAGGCCCTACCCGT 3213 TTCTGAACGCTCCGCGCG 3214 GCGTAATAAGCACGCCTAGCCCGT 3215 TTTCTGAACGCTTCGACGCAACAC 3216 TGCTAATAAGCACGCCTAGCCCGT 3217 AAATTAATTGTGGTGGCTCCGGCG 3218 TTACAATCCTCGGGCTCACTGACA 3219 GCTGAAGGACAAGGCGTGGCAAC 3219 GCTGAAGGACAAGGCGTGGCAAC 3220 GGGATAGGAGACCCTCGCAATGGT 3220 GGGATAGGAGACCCTCGCAATGGT 3221 TTGCAGTACGTCCTTGCGCATGAA 3222 TTGATCACTGGATTGGGTGCGAAC 3223 TCTGCAGACGTTGCGAAGCAC 3224 AGTCTAGCAGGAGAGAACCCCCCAATCCAGTGATCAA 3225 GGGGTCCCGCAACAACTAATGAAG 3226 CAACCTCTTATGTGGTGTGCGCAA 3227 CTCGCTGGGTTGCTGGAGAACCCCCACACCACATAAAGAGGTTG 3228 CGTTGATTGTGGTGTGCGCAACCCCCACCCCCCCCCCCC	3208	TTCTCCAACACGGCTAACCGGTAG	CTACCGGTTAGCCGTGTTGGAGAA
3211 CTACTGGACGCCTGCTTCGAAGT ACTTCGAAGGGCGTCCAGTAG 3212 GGTCGTCCGACGTGAAAAGACCAA TTGGTCTTTCACGTCGACGACC 3213 GTTTTCGAGCTCTTTCTCCGCAGG CCTGCGGAGAAAGACCCC 3214 GCGTGAAGGTACCCAGTGTCACAG CTGTGACACTGGGTACCTTCACGC 3215 TTTCTGAACGCTTCGACGCAACAC GTGTTGCGTCGAAGCGTTCAGAAA 3216 TGCTAATAAGCACGCCTAGCCCGT ACGGGCTAGGCGTGCTTATTAGCA 3217 AAATTAATTGTGGTGGCTCCGGCG CGCCGGAGCCACCACAATTAATTT 3218 TTACAATCCTCGGGCTCACTGACA TGTCAGTGAGCCCGAGGATTGTAA 3219 GCTGAAGGACAAGGCGTGGGCAAC GTTGCCCACGCCTTTCACGC 3220 GGGATAGGAGACCCTCGCAATGGT ACCATTGCGAAGGACCTCCTTCAGC 3221 TTGCAGTACGTCCTTGCGCATGAA TTCATGCGCAAGGACGTACTGCAA 3222 TTGATCACTGGATTGGGTGCGAAC GTTCGCACCCAATCCAGTGATCAA 3223 TCTGCAGACGTTGCGAGAGAC GTTCGCACCCCAATCCAGTGATCAA 3224 AGTCTAGCAGGGATCGAAGCGGAT ATCACTCTCGCAACGTCTGCAGA 3225 GGGGTCCCGCAACAACTAATGAAG CTTCATTAGTTGTTGCGGGACCCC 3226 CAACCTCTTATGTGGTGCGCGA TCGCCCAACCACCACAACACGTCTGCAGA 3227 CTCGCTGGGTTGCTGAGACAC GTGCTACACCCCCCCCCC	3209	TTACAGCCTGGCCCGAGGTAGTTG	CAACTACCTCGGGCCAGGCTGTAA
3212 GGTCGTCCGACGTGAAAAGACCAA TTGGTCTTTTCACGTCGACGACC 3213 GTTTTCGAGCTCTTTCTCCGCAGG CCTGCGGAGAAAGCGCC 3214 GCGTGAAGGTACCCAGTGTCACAG CTGTGACACTGGGTACCTTCACGC 3215 TTTCTGAACGCTTCGACGCAACAC GTGTTGCGTCGAAGCGTTCAGAAA 3216 TGCTAATAAGCACGCCTAGCCCGT ACGGGCTAGGCGTGCTTATTAGCA 3217 AAATTAATTGTGGTGGCTCCGGCG CGCCGGAGCCACCACAATTAATTT 3218 TTACAATCCTCGGGCTCACTGACA TGTCAGTGAGCCCGAGGATTGTAA 3219 GCTGAAGGACAAGGCGTGGGCAAC GTTGCCCACGCCTTGTCCTTCAGC 3220 GGGATAGGAGACCCTCGCAATGGT ACCATTGCGAGGGTCCCTATCCC 3221 TTGCAGTACGTCCTTGCGCATGAA TTCATGCGAAGGACGTACTGCAA 3222 TTGATCACTGGATTGGGTGCGAAC GTTCGCACCCAATCCAGTGATCAA 3223 TCTGCAGACGTTGCGAGAGATGAT ATCATCTCTCGCAACGTCTGCAGA 3224 AGTCTAGCAGGGATCGAAGCGGAT ATCCGCTTCGATCCCC 3225 GGGGTCCCGCAACAACTAATGAAG CTTCATTAGTTGTTGCGGGGACCCC 3226 CAACCTCTTATGTGGTGTGCGCGA 3227 CTCGCTGGGTTGCTGGAGTAGCAC GTGCACCACCACATAAGAGGTTG 3228 CGTTGTATTGTGCGAGGGTAGCAC GTGCTCCAGCACCCCAGCAGAGACCCCCAGCAGAGACCCCCGGAGAGACCCCCGAGGATTGCAGAGCACCCCAGCAACACCCAGCGAGACACCACACAACA	3210	TTTCGGGCAGCATGAGTTATCGAA	TTCGATAACTCATGCTGCCCGAAA
3213 GTTTTCGAGCTCTTTCTCCGCAGG CCTGCGGAGAAAGAGCTCGAAAAC 3214 GCGTGAAGGTACCCAGTGTCACAG CTGTGACACTGGGTACCTTCACGC 3215 TTTCTGAACGCTTCGACGCAACAC GTGTTGCGTCGAAGCGTTCAGAAA 3216 TGCTAATAAGCACGCCTAGCCCGT ACGGGCTAGCCGTCTATTAGCA 3217 AAATTAATTGTGGTGGCTCCGGCG CGCCGGAGCCACCACAATTAATTT 3218 TTACAATCCTCGGGCTCACTGACA TGTCAGTGAGCCCGAGGATTGTAA 3219 GCTGAAGGACAAGGCGTGGGCAAC GTTGCCCACGGCTTGTCCTTCAGC 3220 GGGATAGGAGACCCTCGCAATGGT ACCATTGCGAGGGTCTCCTATCCC 3221 TTGCAGTACGTCCTTGCGCATGAA TTCATGCGAAGGACGTACTGCAA 3222 TTGATCACTGGATTGGGTGCAAC GTTCGCACCCAATCCAGTGATCAA 3223 TCTGCAGACGTTGCGAGAGATGAT ATCATCTCTCGCAACGTCTGCAGA 3224 AGTCTAGCAGGGATCGAAGCGGAT ATCCGCTTCGATCCCC 3225 GGGGTCCCGCAACAACTAATGAAG CTTCATTAGTTGTTGCGGGACCCC 3226 CAACCTCTTATGTGGTGTGCGCGA TCGCGCACCACCACTAAGAGGTTG 3227 CTCGCTGGGTTGCTGGAGTAGCAC GTGCTACCCCACCACAACACCCAGCGAG 3228 CGTTGTATTGTGCAACGCGAAGTT AACTTCCCGGTTGCACAATCCAGCGAG 3229 GGGCTCAAAGTGCCTGAGACG GTGCTACCCCACACAAACACCAGCGAG 3230 CTGCTGTGCCCTCCAGTGAAAC TTTCACCCTGCAGAACCCCAGCGAG 3230 CTGCTGTGCCCTCCAGTGAAAC TTTCACCCTGCAGAACCCCAGCGAG	3211	CTACTGGACGCCCTGCTTCGAAGT	ACTTCGAAGCAGGGCGTCCAGTAG
3214 GCGTGAAGGTACCCAGTGTCACAG CTGTGACACTGGGTACCTTCACGC 3215 TTTCTGAACGCTTCGACGCAACAC GTGTTGCGTCGAAGCGTTCAGAAA 3216 TGCTAATAAGCACGCCTAGCCCGT ACGGGCTAGGCGTGCTTATTAGCA 3217 AAATTAATTGTGGTGGCTCCGGCG CGCCGGAGCCACCACAATTAATTT 3218 TTACAATCCTCGGGCTCACTGACA TGTCAGTGAGCCCGAGGATTGTAA 3219 GCTGAAGGACAAGGCGTGGGCAAC GTTGCCCACGCCTTGTCCTTCAGC 3220 GGGATAGGAGACCCTCGCAATGGT ACCATTGCGAGGGTCTCCTATCCC 3221 TTGCAGTACGTCCTTGCGCATGAA TTCATGCGCAAGGACGTACTGCAA 3222 TTGATCACTGGATTGGGTGCGAAC GTTCGCACCCAATCCAGTGATCAA 3223 TCTGCAGACGTTGCGAGAGATGAT ATCATCTCTCGCAACGTCTGCAGA 3224 AGTCTAGCAGGGATCGAAGCGGAT ATCCGCTTCGATCCCTGCAGACT 3225 GGGGTCCCGCAACAACTAATGAAG CTTCATTAGTTGTTGCGGGACCCC 3226 CAACCTCTTATGTGGTGTGCGCGA TCGCGCACCACACAACAAGAGGTTG 3227 CTCGCTGGGTTGCTGGAGTAGCAC GTGCTACCCCAGCGAG 3228 CGTTGTATTGTGCAACGCGAAGTT AACTTCGCGTTGCACATCAACGG 3229 GGGCTCAAAGTGCCTGAGACC GTGCTACACCACAATACAACG 3229 GGGCTCAAAGTGCCTGAGAGC GCTCTCACTGAGCCC 3230 CTGCTGTGCCCTCTCAGTGAGAGC GCTCTCACTGAGAGGGCACACCACATTCAACG	3212	GGTCGTCCGACGTGAAAAGACCAA	TTGGTCTTTTCACGTCGGACGACC
3215 TTTCTGAACGCTTCGACGCAACAC GTGTTGCGTCGAAGCGTTCAGAAA 3216 TGCTAATAAGCACGCCTAGCCCGT ACGGGCTAGGCGTGCTTATTAGCA 3217 AAATTAATTGTGGTGGCTCCGGCG CGCCGGAGCCACCACAATTAATTT 3218 TTACAATCCTCGGGCTCACTGACA TGTCAGTGAGCCCGAGGATTGTAA 3219 GCTGAAGGACAAGGCGTGGGCAAC GTTGCCCACGCCTTGTCCTTCAGC 3220 GGGATAGGAGACCCTCGCAATGGT ACCATTGCGAAGGACGTCTCCTATCCC 3221 TTGCAGTACGTCCTTGCGCATGAA TTCATGCGCAAGGACGTACTGCAA 3222 TTGATCACTGGATTGGGTGCGAAC GTTCGCACCCAATCCAGTGATCAA 3223 TCTGCAGACGTTGCGAGAGATGAT ATCATCTCTCGCAACGTCTGCAGA 3224 AGTCTAGCAGGGATCGAAGCGGAT ATCCGCTTCGATCCCTGCAGAC 3225 GGGGTCCCGCAACAACTAATGAAG CTTCATTAGTTGTTGCGGGACCCC 3226 CAACCTCTTATGTGGTGTGCGCGA TCGCGCACCACCACTAAGAGGTTG 3227 CTCGCTGGGTTGCTGGAGTAGCAC GTGCTCCAGCAGCGAG 3228 CGTTGTATTGTGCAACGCGAAGTT AACTTCCGCGTTGCACAATCCAGCGAG 3229 GGGCTCAAAGTGCCTGAGTCGAAA TTTCGACTCAGGCACCTTTGAGCCC 3230 CTGCTGTGCCCTCTCAGTGAGAC GCTCTCACTGAGAGGGCACACCACATAACACG	3213	GTTTTCGAGCTCTTTCTCCGCAGG	CCTGCGGAGAAAGAGCTCGAAAAC
3216 TGCTAATAAGCACGCCTAGCCCGT ACGGGCTAGGCGTGCTTATTAGCA 3217 AAATTAATTGTGGTGGCTCCGGCG CGCCGGAGCCACCACAATTAATTT 3218 TTACAATCCTCGGGCTCACTGACA TGTCAGTGAGCCCGAGGATTGTAA 3219 GCTGAAGGACAAGGCGTGGGCAAC GTTGCCCACGCCTTGTCCTTCAGC 3220 GGGATAGGAGACCCTCGCAATGGT ACCATTGCGAGGGTCTCCTATCCC 3221 TTGCAGTACGTCCTTGCGCATGAA TTCATGCGCAAGGACGTACTGCAA 3222 TTGATCACTGGATTGGGTGCGAAC GTTCGCACCCCAATCCAGTGATCAA 3223 TCTGCAGACGTTGCGAGAGATGAT ATCATCTCTCGCAACGTCTGCAGA 3224 AGTCTAGCAGGGATCGAAGCGGAT ATCCGCTTCGATCCCTGCAGACTCCGCAACACTAATGAAG CTTCATTAGTTGTTGCGGGACCCC 3226 CAACCTCTTATGTGGTGTGCGCGA TCGCGCACCACCACATAAGAGGTTG 3227 CTCGCTGGGTTGCTGGAGTAGCAC GTGCTACCCCGCAACCCCAGCGAG 3228 CGTTGTATTGTGCAACGCGAAGTT AACTTCGCGTTGCACAATCCAGCGAG 3229 GGGCTCAAAGTGCCTGAACGC GTGCTACACTTTGAGCCC 3230 CTGCTGTGCCCTCTCAGTGAGAGC GCTCTCACTGAGAGGGCACACCAACACAACTAATGAAGC	3214	GCGTGAAGGTACCCAGTGTCACAG	CTGTGACACTGGGTACCTTCACGC
3217 AAATTAATTGTGGTGGCTCCGGCG CGCCGGAGCCACCACAATTAATTT 3218 TTACAATCCTCGGGCTCACTGACA TGTCAGTGAGCCCGAGGATTGTAA 3219 GCTGAAGGACAAGGCGTGGGCAAC GTTGCCCACGCCTTGTCCTTCAGC 3220 GGGATAGGAGACCCTCGCAATGGT ACCATTGCGAGGGTCTCCTATCCC 3221 TTGCAGTACGTCCTTGCGCATGAA TTCATGCGCAAGGACGTACTGCAA 3222 TTGATCACTGGATTGGGTGCGAAC GTTCGCACCCAATCCAGTGATCAA 3223 TCTGCAGACGTTGCGAGAGATGAT ATCATCTCTCGCAACGTCTGCAGA 3224 AGTCTAGCAGGGATCGAAGCGGAT ATCCGCTTCGATCCCTGCTAGACT 3225 GGGGTCCCGCAACAACTAATGAAG CTTCATTAGTTGTTGCGGGACCCC 3226 CAACCTCTTATGTGGTGTGCGCGA TCGCGCACCACCACATAAGAGGTTG 3227 CTCGCTGGGTTGCTGGAGTAGCAC GTGCTACTCCAGCAACCCAGCGAG 3228 CGTTGTATTGTGCAACGCGAAGTT AACTTCGCGTTGCACAATACAACG 3229 GGGCTCAAAGTGCCTGAGTCGAAA TTTCGACTCAGGCACTTTGAGCCC 3230 CTGCTGTGCCCTCTCAGTGAGAGC GCTCTCACTGAGAGGGCACAACAGCAG	3215	TTTCTGAACGCTTCGACGCAACAC	GTGTTGCGTCGAAGCGTTCAGAAA
TIACAATCCTCGGGCTCACTGACA TGTCAGTGAGCCCGAGGATTGTAA 3219 GCTGAAGGACAAGGCGTGGGCAAC GTTGCCCACGCCTTGTCCTTCAGC 3220 GGGATAGGAGACCCTCGCAATGGT ACCATTGCGAGGGTCTCCTATCCC 3221 TTGCAGTACGTCCTTGCGCATGAA TTCATGCGCAAGGACGTACTGCAA 3222 TTGATCACTGGATTGGGTGCGAAC GTTCGCACCCAATCCAGTGATCAA 3223 TCTGCAGACGTTGCGAGAGATGAT ATCATCTCTCGCAACGTCTGCAGA 3224 AGTCTAGCAGGGATCGAAGCGGAT ATCCGCTTCGATCCCTGCTAGACT 3225 GGGGTCCCGCAACAACTAATGAAG CTTCATTAGTTGTTGCGGGACCCC 3226 CAACCTCTTATGTGGTGTGCGCGA TCGCGCACCACACAACAAGAGGTTG 3227 CTCGCTGGGTTGCTGGAGTAGCAC GTGCTACTCCAGCAACCCAGCGAG 3228 CGTTGTATTGTGCAACGCGAAGTT AACTTCGCGTTGCACAATACAACG 3229 GGGCTCAAAGTGCCTGAGTCGAAA TTTCGACTCAGGCACCTTTGAGCCC 3230 CTGCTGTGCCCTCTCAGTGAGAGC GCTCTCACTGAGAGGGCACAGCAG	3216	TGCTAATAAGCACGCCTAGCCCGT	ACGGCTAGGCGTGCTTATTAGCA
3219 GCTGAAGGACAAGGCGTGGGCAAC GTTGCCCACGCCTTGTCCTTCAGC 3220 GGGATAGGAGACCCTCGCAATGGT ACCATTGCGAGGGTCTCCTATCCC 3221 TTGCAGTACGTCCTTGCGCATGAA TTCATGCGCAAGGACGTACTGCAA 3222 TTGATCACTGGATTGGGTGCGAAC GTTCGCACCCAATCCAGTGATCAA 3223 TCTGCAGACGTTGCGAGAGATGAT ATCATCTCTCGCAACGTCTGCAGA 3224 AGTCTAGCAGGGATCGAAGCGGAT ATCCGCTTCGATCCCTGCTAGACT 3225 GGGGTCCCGCAACAACTAATGAAG CTTCATTAGTTGTTGCGGGACCCC 3226 CAACCTCTTATGTGGTGTGCGCGA TCGCGCACCACCACATAAGAGGTTG 3227 CTCGCTGGGTTGCTGGAGTAGCAC GTGCTACTCCAGCAACCCAGCGAG 3228 CGTTGTATTGTGCAACGCGAAGTT AACTTCGCGTTGCACAATACAACG 3229 GGGCTCAAAGTGCCTGAGTCGAAA TTTCGACTCAGGCACTTTGAGCCC 3230 CTGCTGTGCCCTCTCAGTGAGAGC GCTCTCACTGAGAGGGCACAGCAG	3217	AAATTAATTGTGGTGGCTCCGGCG	CGCCGGAGCCACCACAATTAATTT
3220 GGGATAGGAGACCCTCGCAATGGT ACCATTGCGAGGGTCTCCTATCCC 3221 TTGCAGTACGTCCTTGCGCATGAA TTCATGCGCAAGGACGTACTGCAA 3222 TTGATCACTGGATTGGGTGCGAAC GTTCGCACCCAATCCAGTGATCAA 3223 TCTGCAGACGTTGCGAGAGAGATGAT ATCATCTCTCGCAACGTCTGCAGA 3224 AGTCTAGCAGGGATCGAAGCGGAT ATCCGCTTCGATCCCTGCTAGACT 3225 GGGGTCCCGCAACAACTAATGAAG CTTCATTAGTTGTTGCGGGACCCC 3226 CAACCTCTTATGTGGTGTGCGCGA TCGCGCACACCACATAAGAGGTTG 3227 CTCGCTGGGTTGCTGGAGTAGCAC GTGCTACTCCAGCAACCCAGCGAG 3228 CGTTGTATTGTGCAACGCGAAGTT AACTTCGCGTTGCACAATACAACG 3229 GGGCTCAAAGTGCCTGAGTCGAAA TTTCGACTCAGGCACTTTGAGCCC 3230 CTGCTGTGCCCTCTCAGTGAGAGC GCTCTCACTGAGAGGGCACAGCAG	3218	TTACAATCCTCGGGCTCACTGACA	TGTCAGTGAGCCCGAGGATTGTAA
TTGCAGTACGTCCTTGCGCATGAA TTCATGCGCAAGGACGTACTGCAA TTGATCACTGGATTGGGTGCGAAC TTGATCACTGGATTGGGTGCGAAC TCTGCAGACGTTGCGAGAGAGATGAT ATCATCTCTCGCAACGTCTGCAGA AGTCTAGCAGGGATCGAAGCGGAT ATCCGCTTCGATCCCTGCTAGACT ATCCGCTTCGATCCCTGCTAGACT CTCATTAGTTGTTGCGGGACCCC TCGCTGGGTTGCTGCGCGA TCGCGCACACCACATAAGAGGTTG TCGCTGCGTTGCTGGAGTAGCAC TCGCTGCTGCAACCCCAGCGAG TCGCGCACCACCACATAAGAGGTTG TCGCTGCTGGAGTAGCAC TCGCTGCGTTGCACACCCCAGCGAG TCGCTACTCCAGCAACCCAGCGAG TTCGCTTGCTGCACACCCCACATACACCG TTCGCTTGCTTGCACCACCCCACATACACCG TTCGCTTGCACCCCCACCCCCACTTTGAGCCC TTCGCTGTGCCCTCTCAGTGAGAGC TTTCGACTCAGGCACTTTTGAGCCC TCGCTGTGCCCTCTCAGTGAGAGC TTTCGACTCAGGAGGGCACCACCACACACACACCCAGCAGCAGCAGCA	3219	GCTGAAGGACAAGGCGTGGGCAAC	GTTGCCCACGCCTTGTCCTTCAGC
3222 TTGATCACTGGATTGGGTGCGAAC GTTCGCACCCAATCCAGTGATCAA 3223 TCTGCAGACGTTGCGAGAGATGAT ATCATCTCTCGCAACGTCTGCAGA 3224 AGTCTAGCAGGGATCGAAGCGGAT ATCCGCTTCGATCCCTGCTAGACT 3225 GGGGTCCCGCAACAACTAATGAAG CTTCATTAGTTGTTGCGGGACCCC 3226 CAACCTCTTATGTGGTGTGCGCGA TCGCGCACCACATAAGAGGTTG 3227 CTCGCTGGGTTGCTGGAGTAGCAC GTGCTACTCCAGCAACCCAGCGAG 3228 CGTTGTATTGTGCAACGCGAAGTT AACTTCGCGTTGCACAATACAACG 3229 GGGCTCAAAGTGCCTGAGTCGAAA TTTCGACTCAGGCACTTTGAGCCC 3230 CTGCTGTGCCCTCTCAGTGAGAGC GCTCTCACTGAGAGGGCACAGCAG	3220	GGGATAGGAGACCCTCGCAATGGT	ACCATTGCGAGGGTCTCCTATCCC
TCTGCAGACGTTGCGAGAGATGAT ATCATCTCTCGCAACGTCTGCAGA 3224 AGTCTAGCAGGGATCGAAGCGGAT ATCCGCTTCGATCCCTGCTAGACT 3225 GGGGTCCCGCAACAACTAATGAAG CTTCATTAGTTGTTGCGGGACCCC 3226 CAACCTCTTATGTGGTGTGCGCGA TCGCGCACCACCACATAAGAGGTTG 3227 CTCGCTGGGTTGCTGGAGTAGCAC GTGCTACTCCAGCAACCCAGCGAG 3228 CGTTGTATTGTGCAACGCGAAGTT AACTTCGCGTTGCACAATACAACG 3229 GGGCTCAAAGTGCCTGAGTCGAAA TTTCGACTCAGGCACTTTGAGCCC 3230 CTGCTGTGCCCTCTCAGTGAGAGC GCTCTCACTGAGAGGGCACAGCAG	3221	TTGCAGTACGTCCTTGCGCATGAA	TTCATGCGCAAGGACGTACTGCAA
3224 AGTCTAGCAGGGATCGAAGCGGAT ATCCGCTTCGATCCCTGCTAGACT 3225 GGGGTCCCGCAACAACTAATGAAG CTTCATTAGTTGTTGCGGGACCCC 3226 CAACCTCTTATGTGGTGTGCGCGA TCGCGCACCACATAAGAGGTTG 3227 CTCGCTGGGTTGCTGGAGTAGCAC GTGCTACTCCAGCAACCCAGCGAG 3228 CGTTGTATTGTGCAACGCGAAGTT AACTTCGCGTTGCACAATACAACG 3229 GGGCTCAAAGTGCCTGAGTCGAAA TTTCGACTCAGGCACTTTGAGCCC 3230 CTGCTGTGCCCTCTCAGTGAGAGC GCTCTCACTGAGAGGGCACAGCAG	3222	TTGATCACTGGATTGGGTGCGAAC	GTTCGCACCCAATCCAGTGATCAA
3225 GGGGTCCCGCAACAACTAATGAAG CTTCATTAGTTGTTGCGGGACCCC 3226 CAACCTCTTATGTGGTGTGCGCGA TCGCGCACACCACATAAGAGGTTG 3227 CTCGCTGGGTTGCTGGAGTAGCAC GTGCTACTCCAGCAACCCAGCGAG 3228 CGTTGTATTGTGCAACGCGAAGTT AACTTCGCGTTGCACAATACAACG 3229 GGGCTCAAAGTGCCTGAGTCGAAA TTTCGACTCAGGCACTTTGAGCCC 3230 CTGCTGTGCCCTCTCAGTGAGAGC GCTCTCACTGAGAGGGCACAGCAG	3223	TCTGCAGACGTTGCGAGAGATGAT	ATCATCTCTCGCAACGTCTGCAGA
3226 CAACCTCTTATGTGGTGTGCGCGA TCGCGCACACCACATAAGAGGTTG 3227 CTCGCTGGGTTGCTGGAGTAGCAC GTGCTACTCCAGCAACCCAGCGAG 3228 CGTTGTATTGTGCAACGCGAAGTT AACTTCGCGTTGCACAATACAACG 3229 GGGCTCAAAGTGCCTGAGTCGAAA TTTCGACTCAGGCACTTTGAGCCC 3230 CTGCTGTGCCCTCTCAGTGAGAGC GCTCTCACTGAGAGGGCACAGCAG	3224	AGTCTAGCAGGGATCGAAGCGGAT	ATCCGCTTCGATCCCTGCTAGACT
3227 CTCGCTGGGTTGCTGGAGTAGCAC GTGCTACTCCAGCAACCCAGCGAG 3228 CGTTGTATTGTGCAACGCGAAGTT AACTTCGCGTTGCACAATACAACG 3229 GGGCTCAAAGTGCCTGAGTCGAAA TTTCGACTCAGGCACTTTGAGCCC 3230 CTGCTGTGCCCTCTCAGTGAGAGC GCTCTCACTGAGAGGGCACAGCAG	3225	GGGGTCCCGCAACAACTAATGAAG	CTTCATTAGTTGTTGCGGGACCCC
3227 CTCGCTGGGTTGCTGGAGTAGCAC GTGCTACTCCAGCAACCCAGCGAG 3228 CGTTGTATTGTGCAACGCGAAGTT AACTTCGCGTTGCACAATACAACG 3229 GGGCTCAAAGTGCCTGAGTCGAAA TTTCGACTCAGGCACTTTGAGCCC 3230 CTGCTGTGCCCTCTCAGTGAGAGC GCTCTCACTGAGAGGGCACAGCAG	3226	CAACCTCTTATGTGGTGTGCGCGA	TCGCGCACACCACATAAGAGGTTG
3229 GGGCTCAAAGTGCCTGAGTCGAAA TTTCGACTCAGGCACTTTGAGCCC 3230 CTGCTGTGCCCTCTCAGTGAGAGC GCTCTCACTGAGAGGGCACAGCAG	3227	CTCGCTGGGTTGCTGGAGTAGCAC	GTGCTACTCCAGCAACCCAGCGAG
3229 GGGCTCAAAGTGCCTGAGTCGAAA TTTCGACTCAGGCACTTTGAGCCC 3230 CTGCTGTGCCCTCTCAGTGAGAGC GCTCTCACTGAGAGGGCACAGCAG	3228	CGTTGTATTGTGCAACGCGAAGTT	AACTTCGCGTTGCACAATACAACG
2014 COLOR OF THE	3229	GGGCTCAAAGTGCCTGAGTCGAAA	
	3230	CTGCTGTGCCCTCTCAGTGAGAGC	GCTCTCACTGAGAGGGCACAGCAG
	3231	CGGACGTACTGTTCGGAGTCCTCA	TGAGGACTCCGAACAGTACGTCCG

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3232 GTATACCACCATACCGGGACCGCA TGCGGTCCCGGTATGGTGGTATAC

Please replace the table starting on page 217, line 1, with the following rewritten table:

TABLE 3

Seq. ID No.	Decoder Sequence (5'-3')	Probe Sequence (5'-3')
1	TTCGCCGTCGTGTAGGCTTTTCAA	TTGAAAAGCCTACACGACGGCGAA
18	GTTCCCAGTGAAGCTGCGATCTGG	CCAGATCGCAGCTTCACTGGGAAC
19	TACTTGGCATGGAATCCCTTACGC	GCGTAAGGGATTCCATGCCAAGTA
20	ACTAGCATATTTCAGGGCACCGGC	GCCGGTGCCCTGAAATATGCTAGT
21	GAACGGTCAATGAACCCGCTGTGA	TCACAGCGGGTTCATTGACCGTTC
22	GCGGCCTTGGTTCAATATGAATCG	CGATTCATATTGAACCAAGGCCGC
23	GATCGTTAGAGGGACCTTGCCCGA	TCGGGCAAGGTCCCTCTAACGATC
24	TGGACCTAGTCCGGCAGTGACGAA	TTCGTCACTGCCGGACTAGGTCCA
25	ATAAACTACCCAGGACGGGCGGAA	TTCCGCCCGTCCTGGGTAGTTTAT
26	CATCGGTTCGCGCCAATCCAGATA	TATCTGGATTGGCGCGAACCGATG
27	GTCGGGCATAGAGCCGACCACCCT	AGGGTGGTCGGCTCTATGCCCGAC
28	CTTGGGTCATGATTCACCGTGCTA	TAGCACGGTGAATCATGACCCAAG
29	TGCCTAACGTGCTAATCAGCAGCG	CGCTGCTGATTAGCACGTTAGGCA
30	CGCATGTTGGAGCATATGCCCTGA	TCAGGGCATATGCTCCAACATGCG
31	AGCCACTGCATCAGTGCTGTTCAA	TTGAACAGCACTGATGCAGTGGCT
32	GGTTGTTTTGAGGCGTCCCACACT	AGTGTGGGACGCCTCAAAACAACC
33	TCGACCAAGAGCAAGGGCGGACCA	TGGTCCGCCCTTGCTCTTGGTCGA
34	GACATCGCTATTGCGCATGGATCA	TGATCCATGCGCAATAGCGATGTC
35	GAAATACGAAGTCTGCGGGAGTCG	CGACTCCCGCAGACTTCGTATTTC
36	TGTCATGAATGATTGATCGCGCGA	TCGCGCGATCAATCATTCATGACA
37	ATATCGGGATTCGTTCCCGGTGAA	TTCACCGGGAACGAATCCCGATAT
38	GCGAGCGTACCGAAGGGCCTAGAA	TTCTAGGCCCTTCGGTACGCTCGC
39	TTACCGGCAGCGGACTTCCGAATT	AATTCGGAAGTCCGCTGCCGGTAA
40	GTAATCGAGAGCTGCGCGCCGTCT	AGACGGCGCGCAGCTCTCGATTAC
42	CCTGTTAGCGTAGGCGAGTCGATC	GATCGACTCGCCTACGCTAACAGG
43	TAGCGGACCGGCAGAATGAGTTCC	GGAACTCATTCTGCCGGTCCGCTA
44	GGTACATGCACTACGCGCACTCGG	CCGAGTGCGCGTAGTGCATGTACC
45	AATTCATCTCGGACTCCCGCGGTA	TACCGCGGGAGTCCGAGATGAATT
46	GCCAAATCTGGATTGGCAGGAATG	CATTCCTGCCAATCCAGATTTGGC

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<u> </u>	TGCATTTTCGGTTGAGGCACATCC	GGATGTGCCTCAACCGAAAATGCA
48	CCGCTCAATTCACCATGCTTCGCT	AGCGAAGCATGGTGAATTGAGCGG
49	CTCGGAAAGGTGCAACTTTGGTGT	ACACCAAAGTTGCACCTTTCCGAG
50	AATTCGACCAGCAGAACGTCCCAT	ATGGGACGTTCTGCTGGTCGAATT
51	GCCAGAGTCTCAACCTCACGGGAT	ATCCCGTGAGGTTGAGACTCTGGC
52	CCAACAACTGGAACGGGAACCCGC	GCGGGTTCCCGTTCCAGTTGTTGG
53	GAGAACTGATCGCTGAGGGGCATG	CATGCCCCTCAGCGATCAGTTCTC
54	GGCACACTAGACTTGTGGCACCGA	TCGGTGCCACAAGTCTAGTGTGCC
56	TCACATCCAAATATGGTCCGCGAA	TTCGCGGACCATATTTGGATGTGA
57	GTCTGCCGGTGTGACCGCTTCATT	AATGAAGCGGTCACACCGGCAGAC
58	CATCGCAGAGCATAAACACCCTCA	TGAGGGTGTTTATGCTCTGCGATG
59	GTTGGTATCTATGGCAGAGGCGGA	TCCGCCTCTGCCATAGATACCAAC
60	ACGAGGTGCCGCTGAGGTTCCATT	AATGGAACCTCAGCGGCACCTCGT
61	GGAATGAGTGGACCCAGGCACATT	AATGTGCCTGGGTCCACTCATTCC
62	TGTCAATATGCGTCCGTGTCGTCT	AGACGACACGGACGCATATTGACA
63	TGATGAGCCTCAGGGTACGAGGCA	TGCCTCGTACCCTGAGGCTCATCA
64	CACCGCGGTGTTCCTACAGAATGA	TCATTCTGTAGGAACACCGCGGTG
65	TTGTTGCCAATGGTGTCCGCTCGG	CCGAGCGGACACCATTGGCAACAA
66	TTAACCTGCGTCTGCCCCTTTCCT	AGGAAAGGGCAGACGCAGGTTAA
67	AGGCGCGTTCCTGCCTTAGTGACG	CGTCACTAAGGCAGGAACGCGCCT
68	TAGGGCGATGGCACGAAGCTTCAA	TTGAAGCTTCGTGCCATCGCCCTA
69	TGCATAGAGCCAAAGTCGGCGATG	CATCGCCGACTTTGGCTCTATGCA
70	TTGAGAGGCAGGTGGCCACACGGA	TCCGTGTGGCCACCTGCCTCTCAA
71	TCCGCATTGTGAGAAAAAACGAGC	GCTCGTTTTTCTCACAATGCGGA
72	GGCGGTTTCCGTAGCTATAGGTGC	GCACCTATAGCTACGGAAACCGCC
73	GGTGAAAATTTCGTAGCCACGGGC	GCCCGTGGCTACGAAATTTTCACC
74	CCGACGGAGGATGAAGACAATCAC	GTGATTGTCTTCATCCTCCGTCGG
75	CCAGTTTGGCCCAATTCGCCAAAA	TTTTGGCGAATTGGGCCAAACTGG
76	GGATCTATTAGGCCGTGCGCACAG	CTGTGCGCACGGCCTAATAGATCC
77	CGGATGTCACCGTTTGGACTTTCA	TGAAAGTCCAAACGGTGACATCCG
78	ATCGCAAATCCTGCTCGTCCCTAA	TTAGGGACGAGCAGGATTTGCGAT
79	CAGGGCATGCAATAATCGAGGTTC	GAACCTCGATTATTGCATGCCCTG
80	CATGCGTTGATATATGGGCCCAAG	CTTGGGCCCATATATCAACGCATG
81	CAGCTGCAGCTTGTGACCAACCAC	GTGGTTGGTCACAAGCTGCAGCTG
82	TTGTATGTCTGCCGACCGGCGACC	GGTCGCCGGTCGGCAGACATACAA
83		CCATACCTATCAACGGGCGCCATC
84	ATO A O A A TO O O O O O O O O O O O O O	TAGCAGATTGCCGGCGATTCTCAT
85		CACGAGCCTGCGGTCAGTGCAAAT

86	CAGGGAGAACGGTTAAGTTCCCGT	ACGGGAACTTAACCGTTCTCCCTG
87	AGGCCGGCGATCGAGGAGTTTGGT	ACCAAACTCCTCGATCGCCGGCCT
88	ACACGGTGGTCTCTGATAGCGACC	GGTCGCTATCAGAGACCACCGTGT
89	GTGCAACGCCGAGGACTTCCATCA	TGATGGAAGTCCTCGGCGTTGCAC
90	TCGGTGCCTGATAGCCATTCCGAT	ATCGGAATGGCTATCAGGCACCGA
91	TGAAATACCACACAGCCAATTGGC	GCCAATTGGCTGTGTGGTATTTCA
92	GCATCGTGTACATGACTGCCGCGA	TCGCGGCAGTCATGTACACGATGC
93	CAGTGTTCTAACGGCGCGCGTGAA	TTCACGCGCGCCGTTAGAACACTG
94	CGCTTGCAACGTTGCACCTACTCT	AGAGTAGGTGCAACGTTGCAAGCG
95	CGAAAAACTAGTGGGCTCGCCGCG	CGCGGCGAGCCCACTAGTTTTCG
96	CTTTCAGGGGAACTGCCGGAGTCG	CGACTCCGGCAGTTCCCCTGAAAG
97	TTGTGGCCTTCTTGTAAAGGCACG	CGTGCCTTTACAAGAAGGCCACAA
98	TCCACGAACGGCGACCCGTTGTCT	AGACAACGGGTCGCCGTTCGTGGA
99	CGACCTTGCACGAAACCTAACGAG	CTCGTTAGGTTTCGTGCAAGGTCG
100	GTGCAGCTTCACGAGCCAGCCTGA	TCAGGCTGGCTCGTGAAGCTGCAC
101	CGCTTTCGTGCGAATAGACGATGA	TCATCGTCTATTCGCACGAAAGCG
102	TGCGCTTACAGGCTCCTAGTGGTC	GACCACTAGGAGCCTGTAAGCGCA
103	CACGCGCTTAGTCGCGATCGCATA	TATGCGATCGCGACTAAGCGCGTG
104	CGGAGGAGGAGCTAGCCTTCGA	TCGAAGGCTAGCTCCCTCCG
105	GCATCCGGCCTGTTGATGACGCCT	AGGCGTCATCAACAGGCCGGATGC
106	AGGCCAATCGATCTTATTGCCGAG	CTCGGCAATAAGATCGATTGGCCT
107	CCTTCCAATGATTGCATACGCCCA	TGGGCGTATGCAATCATTGGAAGG
108	AACACTTGATCAGGCGGGTCGTCT	AGACGACCCGCCTGATCAAGTGTT
109	TGGAATCAAGGCCGTAAAGGACAG	CTGTCCTTTACGGCCTTGATTCCA
110	GCTCCCGTAACCTGTCCACCAGTG	CACTGGTGGACAGGTTACGGGAGC
111	AGTGGTGAATGGCCGCTACCCTGA	TCAGGGTAGCGGCCATTCACCACT
112	TGTTGAAGCGAGCTAAAACGGCCA	TGGCCGTTTTAGCTCGCTTCAACA
113	CAGCGCTCCAGAATTGACAGCAAT	ATTGCTGTCAATTCTGGAGCGCTG
2	TTCGAAGCGCACGTCCCTTTTCAA	TTGAAAAGGGACGTGCGCTTCGAA
3	AACGCGTGGGGAATGGGACATCAA	TTGATGTCCCATTCCCCACGCGTT
117	CACGAGATACCGGCGTAAGGGTGG	CCACCCTTACGCCGGTATCTCGTG
118	CTACGGCAAACGTGTGGAATGGGT	ACCCATTCCACACGTTTGCCGTAG
119	GTAGGGCGATGACGGCGAACTAC	GTAGTTCGCCCGTCATCGCCCTAC
120	AATCGACCTCCGCACACATTCGCA	TGCGAATGTGTGCGGAGGTCGATT
121	GAGTCAGCATGGCGGCGGAGATTC	GAATCTCCGCCGCCATGCTGACTC
122	AGATAAAGACGCTGGCAACACGGG	CCCGTGTTGCCAGCGTCTTTATCT
123	GGTACCTCAACGCGAACCACTTGT	ACAAGTGGTTCGCGTTGAGGTACC
124	AAGCGATGGCTACCCAAGAGCGAT	ATCGCTCTTGGGTAGCCATCGCTT

125	AGAGCTTATGCAGAACCAGGCGCC	GGCGCCTGGTTCTGCATAAGCTCT
126	ATCGGTCTCACGCAGGGTTGGATA	TATCCAACCCTGCGTGAGACCGAT
127	TAGGTTGCCCGCCAGAAGAACAT	ATGTTTCTTCTGGCGGGCAACCTA
128	CGGTGCTGTTGCAAAAGCCTGTAG	CTACAGGCTTTTGCAACAGCACCG
129	TGATGAAAGTTTGCGGCAGGACAC	GTGTCCTGCCGCAAACTTTCATCA
130	GTTGAGTGCAGGATAG	CTATCGCTGCATCCTGCACTCAAC
131	AACATTGCGCGGTCCACCAGGGTT	AACCCTGGTGGACCGCGCAATGTT
132	GGGCAGTTAGAGAGGGCCAGAAGT	ACTTCTGGCCCTCTCTAACTGCCC
133	TCGAGCTGGTCCCCGTGAACGTGT	ACACGTTCACGGGGACCAGCTCGA
134	GTCTTGGGGGCCGCTTAGTGAAAA	TTTTCACTAAGCGGCCCCCAAGAC
135	ACTGTTGGCTTGCTCATGTCCA	TGGACATGAGAGCAAGCCAACAGT
136	AGGACCATTCGGAAGGCGAAGATA	TATCTTCGCCTTCCGAATGGTCCT
137	CTTGGGAGGCATCCGCTATAAGGA	TCCTTATAGCGGATGCCTCCCAAG
138	AATAAACGGAACGCACCGCTACAG	CTGTAGCGGTGCGTTCCGTTTATT
139	TTGTACGTGCGGTCCCCATAAGCA	TGCTTATGGGGACCGCACGTACAA
140	CGCACCAAACTGAGTTTCCCAGAC	GTCTGGGAAACTCAGTTTGGTGCG
141	ACCTGATCGTTCCCCTATTGGGAA	TTCCCAATAGGGGAACGATCAGGT
142	GGAACAGAGGCGAGGGGACTGAGC	GCTCAGTCCCCTCGCCTCTGTTCC
143	CCCTGCCTTGGCGTGTCGGCTTAT	ATAAGCCGACACGCCAAGGCAGGG
144	ACTCTGACACGCCAACTCCGGAAG	CTTCCGGAGTTGGCGTGTCAGAGT
145	CTGACGGTTTTCATTCGGCGTGCC	GGCACGCCGAATGAAAACCGTCAG
146	TGCGGTGGTTCATTGGAGCTGGCC	GGCCAGCTCCAATGAACCACCGCA
147	GCATGGCCAACTAGTGACTCGCAA	TTGCGAGTCACTAGTTGGCCATGC
148	AGGCCGTAAAGCGAATCTCACCTG	CAGGTGAGATTCGCTTTACGGCCT
149	CGAATATTATGCCGAGAATCCGCG	CGCGGATTCTCGGCATAATATTCG
150	ACAGACGAGCTCCCAACCACATGA	TCATGTGGTTGGGAGCTCGTCTGT
151	GGACGGTTTGTGCTGGATTGTCTG	CAGACAATCCAGCACAAACCGTCC
152	AAAGGCTATTGAGTTGGTTGGGCG	CGCCCAACCAACTCAATAGCCTTT
153	GATGGCCTATTCGGAGATCGGGCC	GGCCCGATCTCCGAATAGGCCATC
154	GATCCAGTAGGCAGCTTCATCCCA	TGGGATGAAGCTGCCTACTGGATC
155	AATAACTCGCGCGGGTATGCTTCT	AGAAGCATACCCGCGCGAGTTATT
156	GGAGGAGGTTTGTCTCGGAAAGCA	TGCTTTCCGAGACAAACCTCCTCC
157	CTTTGGTATGGCACATGCTGCCCG	CGGGCAGCATGTGCCATACCAAAG
158	AGAAAGGCTCGAGCAACGGGAACT	AGTTCCCGTTGCTCGAGCCTTTCT
159	AATCTACCGCACTGGTCCGCAAGT	ACTTGCGGACCAGTGCGGTAGATT
160	CGTGGCGCCACAGTTTTTGGAGG	CCTCCAAAAACTGTGGCCGCCACG
161	TTGCAGTTCAATCCATACGCACGT	ACGTGCGTATGGATTGAACTGCAA
162	GGCCCAAAGCCCCAGACCATTTTA	TAAAATGGTCTGGGGCTTTGGGCC
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163 CGCCTGTCTTTGTCTCCGGACAAT 164 TGAGGCAACAGGGGCCAAAACACT 165 AGCGGAACACAGGGGCCAAAACACT 165 AGCGGAAGTAGTCCTCGGCTCGTC 166 GGCCCCAAGGCTTAGAGATAGTGG CCACTATCTCTAAGCCTTGGGGCC 167 GCACGTGAAGTTTAACCGCGATTC 168 AGCGGCAGAAACGTTCCTTGACGG CCGTCAAGGAACGTTTCTCGCGCT 169 TCGTCCAGACAGACGAACGTTCCTTGACGG CCGTCAAGGAACGTTTCTGCCGCT 169 TCGTCCAGACAGACGAACTTGCACG 170 TCTTTGCCGCGCATTC AACCAGTTCACGTGCCGCT 171 TTTATGTGCCAAGGGGTTAACCGA 172 TGTTACTGTGGTTCACGGCAGTCC 173 CGCGCCTCGCTAAGCACACACACTACCA 174 ACAAATGCGTGAACTCACTT 175 CGCGCCTCGCTAGACCTTTTATTG 176 CAAATAACGCCGCAGTCC 177 ACAAATACGCGCAGTC 177 CCTTCGTGCACGAATCAGCACTACTATT 177 CCTTCGTGCACGAATCACCACTACACACACACACACACAC		1	
165 AGCGGAAGTAGTCCTCGGCTCGTC 166 GGCCCCAAGGCTTAGAGATAGTGG 167 GCACGTGAAGTTTAACCGCGATTC 168 AGCGGCAGAAACGTTTCACGCGATTC 168 AGCGGCAGAAACGTTTCACGCGATTC 169 TCGTCGAGACGAGACGAGATTGCACG 169 TCGTCGAGCAGAAACGTTTCTTGACGC 170 TCTTTGCCGCGTAACGAACGAACTTCCTTGACGCAACGAACTTCTTCTGCCGCT 171 TTTATGTGCCCAACGGGGTTAACCGAACGAACTTACCGCAACGAACG	163	CGCCTGTCTTTGTCTCCGGACAAT	ATTGTCCGGAGACAAAGACAGGCG
166 GGCCCCAAGGCTTAGAGATAGTGG CCACTATCTCTAAGCCTTGGGGCC 167 GCACGTGAAGTTTAACCGCGATTC GAATCGCGGTTAAACTTCACGTGC 168 AGCGGCAGAAACGTTCCTTGACGG CCGTCAAGGAACGTTTCTGCCGCT 169 TCGTCGAGCAGACGAGATTGCACG CGTGCAATCTCGTCTGCTCGACCA 170 TCTTTGCCGCGTAACCTGACTCTT AAGCAGTCAGTTACGCGCACAACCACGTTACGCGCAACACCACTACCACTTTTATTGTGCCAAGAGGGGTTAACCGA TCGGTTAACCCCTTGGCACAATAAA 172 TGTTACTGTGGTTCACGGCAGTCC GGACTGCCGTAACCACACACAACAACA 173 CGCGCCTCGCTAGACCTTTTATTG CAATAAAAGGTCTACGGAGAGCGCG 174 ACAAATCGGTGAGAGCTCCCAACT AGTTGGGAGACCACACACACACACACACACACACACACAC	164	TGAGGCAACAGGGGCCAAAAACTA	TAGTTTTTGGCCCCTGTTGCCTCA
167 GCACGTGAAGTTTAACCGCGATTC 168 AGCGCAGAAACGTTCCTTGACGG CCGTCAAGGAACGTTTCTGCGCCT 169 TCGTCGAGCAGACGACGAGTTGCACG CGTCAAGGAACGTTTCTGCCGCT 170 TCTTTGCCGCGTAACTGACTGCTT AAGCAGTCAGTTACGCGGCAAAGA 171 TITATGTGCCAAGGGGTTAACCGA TCGGTTAACCCCTTGGCACAAAAA 172 TGTTACTGTGTCACGGCAGTCC GGACTGCCGTAACCACAGTAACA 173 CGCGCCTCGCTAGACCTTTTATTC CAATAAAAGGTCTAGCGAGCGCGAAACA 174 ACAAATGCGTGAGAGCTCCCAACT AGTTGGGAGCTCCGCAGTATAA 175 CGCGCAGATTATAGACCCGAATCT CATTGGGAGCTCTCACGCATTTGT 176 CGAATAACGCCGAGTCC CAACT ACATTGGGAGCTCCCAACT 177 CCTTCGTGCATCGGTGATCGCGT ACGCCGTTCACCGCATTTGT 177 CCTTCGTGCATCGGTGATCGCGT ACGCCGATTCAGCAGCGCGCG 178 TGAACACGAGCAACACTCCAACGC GCGTTGAGCTCACGAAGG 179 TGAACACCAGAACACTCCAACGC GCGTTGAGACTGCACGAAGG 179 CAGCAGATCCTTCGTAGCGGTCT ACGACCGATGCACGAAGG 179 CAGCAGATCCTTCGTAGCGGTCT ACGACCGCTACAAAGGATCTGCTG 180 GGAACCTGGTGAGTTGTGCCTCAT ATGAGGCACAACTCACCAGGTTCC 181 TCATAAGCGAACACTCCCAACGC GCGTTGAGCTTGTCACAGAGG 182 CCCAACGTCACTGAAGCTCACAT ATGAGGCACAACTCACCAGGTTCC 183 TGTCAGAGCCCGCGACTCAGACG CCGTTGAGCAGGTTCGCTGGG 183 TGTCAGAGCCCGCGACTCAGACG CCGTTGAGCAGTTGTCGCTTATGA 184 TACACGAAGCTCTCCGTGGTCCA TGGACCACCGCAGGGCTTCGACA 184 TACACGAAGCTCTCCGTGGTCCA TGGACCACGGAGAGGCTTCGACA 185 CTCAGAAGTCCTCGGGGGCTT AGACCACGGAGAGGCTTCGACA 186 ATCCTTTTATTCTCCCCGCGGA 187 AGGCCGGGAGTAGAACC GCCCAGTTGGCCGAGGACTTCTGAG 188 ATCCTTCTATCTCCCGCGGCA 189 TTGCCAGGGAGCTCCTCGGGCAACTGGC CCCAGTTTGCCCAGGAGACTTCTGAG 189 TTGCCAGGTCAACACGGGTCCACA TGTGCCAGAGACTTCCTGAGAGCT 189 TTGCCAGGTCAACACGGGTCCATGAACC 190 TCCACTATAACTGGCGTCAGT ACACGGACCCCCAGTTATTAGTGGA 191 GCCCAGTCGGCTCAACAAGTT ACACGGACCCCCAGGTTATTTTTA 194 GCCCAGTCGGCTCAACAAGTTCCCGCGGAGAACTTCCCTGGCGAA 190 TCCACTATAACTGGCGTCAGGT ACCTGCAGAGACTTCCTGGCGAA 191 TCCACTATAACTGGCGTCAGGT ACCTGCAGAGCCTTCCAGGCG 192 CGGAACGGATAATCCC GCGAGGAACGTTCCCTGGCAAA 190 TCCACTATAACTGGCGTCAGGT ACCTGCAGCCCCAGGTTATTTTTA 194 GCCCAGTCGGCAACACGTTCCCGCGGGAGAACGTTCCCGCGGCATTATTCCGTTCCG 195 AGTTTGCCAGGGACTTCCCGCGGGAGAACTTCCCCCGCCAGGCCGCTTATTTTTA 194 GCCCAGCGCATCACAGGGACCCCCCTTAGCAGCCTTGCAACCTTTCCGTTGT 197 TTCGCAGCACCCCCCTAGGTACCTGCC GGCAACATCCCTGGCAAACTT	165	AGCGGAAGTAGTCCTCGGCTCGTC	GACGAGCCGAGGACTACTTCCGCT
168 AGCGCAGAAACGTTCCTTGACGG CCGTCAAGGAACGTTTCTGCCGCT 169 TCGTCGAGCAGACGAGATTGCACG CGTGCAATCTCGTCTGCTCGACGA 170 TCTTTGCCGCGTAACTGACTGCTT AAGCAGTCAGTTACGCGGCAAAGA 171 TTTATGTGCCAAGGGGTTAACCGA TCGGTTAACCCCTTGGCACAAAAA 172 TGTTACTGTGGTTCACGGCAGTCC GGACTGCCGTGAACCACAGTAACA 173 CGCGCCTCGCTAGACCTTTTATTG CAATAAAAGGTCTAGCGAGGCGCG 174 ACAAATGCGTGAGACCTTTTATTG CAATAAAAGGTCTACGCAGAGTTTT 175 CGCGCAGATTATAGACCCGAATGT ACATTCGGGTCTATAATCTCGCGCG 176 CAAATAACGCCGGTGAATCGGCGT ACGCCGATTCAGCGATTTTT 177 CCTTCGTGCATCGGTGAATCGGCGT ACGCCGATTCAGCGAGTTTTTG 177 CCTTCGTGCATCGGTGATGATGTT AACATCACCACGAGGGGTTTTTTG 178 TGAACACGAGGAAACACTCCAACGC GCGTTGGAGTGTTGCTCCTGTTCA 179 CAGCAGATCCTTCGTAGCGGTCTT ACGCCGATGTACCACGAGGGTTCA 179 CAGCAGATCCTTCGTAGCGGTCTT ACGCCGCTACGAAGGATCTCCTGTTCA 180 GGAACCTGGTGAGTTGTGCCTCAT ATGAGGCACAACTCACCAGGTTCC 181 TCATAAGCGACAATCGCGGGCTTA TAAGCCCGCGATTGTCGTTTCA 182 CCCAACGTCACTGAAGCTCACAGT ACGTCGAGTTCGGTGACA 183 TGTCAGAGCCCCCGCACTCAGACG CCGTTCGAGTGCCGTGGCACA 184 TACACGAAGCCTCCCGTGGTCCA ACGGCCGCGATTGTCGCTTATGA 185 CTCAGAAGCTCTCCGTGGTCCA TGGACCACGGGGGCTTCGACA 186 ATCCTTTTATCTACTCCGGGGCAACTGGC CCCAGTTCGCCGAGGACTTCGAGA 187 AGGCGTGCAGCACACGGG CCCAGTTACCCAGGACTTCGAGA 188 ACTCTCGAGGGAACACGGG CCCAGTTACCCAGGACTTCGAGA 189 TTGCCAGGTCAACAGGATAAACC GGTTTATCCTGTTGCCCAGAGACT 189 TTGCCAGGTCAACAGGATAAACC GGTTTATCCTGTTGCACACAT 190 TCCACTATAACTGCGGGTCCGTGT ACACGGACACCCCCAGTTATAGTGGA 191 GCCCCATTCAACAGTTCC CGAACCCGATTATCCTTCCGCGAACT 192 CGGAACGGATAATCGGGGTCCGTGT ACACGGACCCCCAGTTATATGTGGA 194 GCCCACTCGAAACCTTTCTCGC 195 AATTAACAGCCCTGACAGGACACTCCCCCGCAGTTATTCCTTTCCG 196 ACAACGAAGGATCCTCGCGGGAGAACTTCCCCGCGGCCTTATTTTTA 196 ACAACGAGGGATCTCCTGCC GGCAACATCCCCCGCAGTTATTCCTGTTCGG 197 TTCGCAGCACCCCGCACTTACCAAGTTCCCGCGGGAGAAACTTCCCCGCGGCCTTATTTTTA 196 ACAACGAGGGATCCCTGCCGCGCATTATCCGGTGCAA 197 TTCGCAGCACCCCGCACTTACCAAGTCCCCCGCAGGCCCTATTTTTTCGC 197 TTCGCAGCACCCCGTAGCACCCCGCACTTTCTCGC 198 ACTTTGCCAGGGGAGAACTCCCCCGTTGTT 197 TTCGCAGCACCCCGCTAGGTACAGT ACCTGCCAGGCGCTTATTTTTG 197 TTCGCAGCACCCCGCTAGGTACAGT ACCTGCCAGGGGTGCTGCAAAACTTTCCCGCGGGAAACTTCCCCGGGGAGTACACC	166	GGCCCCAAGGCTTAGAGATAGTGG	CCACTATCTCTAAGCCTTGGGGCC
169 TCGTCCAGCAGACGAGAGTTGCACG CGTGCAATCTCGTCTGACGACGA 170 TCTTTGCCGCGTAACTGACTGCTT AAGCAGTCAGTTACGCGGCAAAGA 171 TTTATGTGCCAAGGGGTTAACCGA TCGGTTAACCCCTTGGCACATAAA 172 TGTTACTGTGGTTCACGGCAGTCC GGACTGCCGTGAACCACAGTAACA 173 CGCGCCTCGCTAGACCTTTTATTG CAATAAAAGGTCTAGCGAGGCGCG 174 ACAAATGCGTGAGACCTTTTATTG CAATAAAAGGTCTAGCGAGGCGCG 175 CGCGCAGATTATAGACCCGAATGT ACATTCGGGTCTATAATCTGCGCG 176 CAATAACGCCGCTGAATCGGCGT ACCCGATTCAGCGGTTTATTG 177 CCTTCGTGCATCGGTGATGATGTT ACATTCGGGTCTATAATCTGCGCG 178 TGAACACGAGCAACACTCCAACC GCGTTGGAGTCTCGTGTTCA 179 CAGCAGATCCTCCTACGC GCGTTGGAGTGTTGCTCGTGTTCA 179 CAGCAGATCCTTCGTAGCGGTCTTA ACATCACCGATGCACGAAGG 180 GGAACCTGGTGAGTTGGCCTCAT ATGAGGCACAACTCACCAGGTTCC 181 TCATAAGCGACAATCGCGGGCTTA TAAGCCCGCGATTGTCGTTGAG 182 CCCAACGTCACTCGAGCG 183 TGTCAGAGCCCCGCACTCAGACG CCGTTTGAGCTTCAGCAGTTCGT 184 TACACGAAGCCCCCGACTCAGACG 185 CTCCAGAGCCCCGCACTCAGACG 186 ATCCTTTTATCTACCCGGGGCTA 187 AGGCGTGCAGCACACTCCGGGAACTGGG 188 ATCCTTTTATCTACTCCGGGGCA 188 ACTCTCGAGGGAACACCCCCGGAACTGGAACGACTCCCAGGTTCGTTAACAGAGCCTCTTCGAGAGACTCCCTGAGAGAGCTTCGTGAG 189 TGCCAGGGACACACGGAACACACGACACACCCCCAGGAGACCTCTCGAGAGT 189 TGCCAGGGCCCACACACACACACACACACACACACACACA	167	GCACGTGAAGTTTAACCGCGATTC	GAATCGCGGTTAAACTTCACGTGC
170 TCTTTGCCGCGTAACTGACTGCTT AAGCAGTCAGTTACGCGGCAAAGA 171 TTTATGTGCCAAGGGGTTAACCGA TCGGTTAACCCCTTTGCACATAAA 172 TGTTACTGTGGTTCACGGCAGTCC GGACTGCCGTGAACCACAGTAACA 173 CGCGCCTCGCTAGACCTTTTATTG CAATAAAAGGTCTAGCGAGGCGCG 174 ACAAATGCGTGAGAGCTCCCAACT AGTTGGGAGCTCTCACGCATTGT 175 CGCGCAGATTATAGACCCGAATGT ACATTCGGGTCTATAATCTGCGCG 176 CAAATAACGCCGCTGAATCGGCGT ACGCCGATTCAGCGAGGCGTTATTTG 177 CCTTCGTGCATCGGTGATGATGTT AACATCACCGATGCACGAAGG 178 TGAACACGAGCAACACTCCAACCG GCGTTGAGAGTGTTCCACCGATGCACGAAGG 179 CAGCAGATCCTTCGTAGCGGTCGT ACGCCGCTACGAAGGATCCTCGTGTAG 180 GGAACCTGGTGAGTTGTCCCTCAT ATGAGGCACAACTCACCAGGTTCC 181 TCATAAGCGACCAATCGCGGGCTTA ATGAGGCACAACTCACCAGGTTCC 182 CCCAACGTCACTGAGAGGTCACACT ACTGAGGCTCACACTTCGTGTGG 183 TGTCAGAGCCCGCGACTCAGACGG CCGTTCAGTGAGCGTTGGG 184 TACACGAAGCCTCTCCGTGGTCCA TAGAGGCACAACTCACCAGGTTCC 185 CTCAGAAGTCCTCCGTGGTCCA TGGACCACGGAGGACTTCTGGG 186 ATCCTTTTATCTACTCCGCGGCGA TCGCCGGAGAGGCTTCGTGTA 187 AGGCGTGCAGCACACGGAACCACGGAGAGACTTCTGAG 188 ACTCTCTTATCTACTCCGCGGCGA TCGCCGAGAGAGCTTCTGAG 189 TTGCCAGGGACTCTGGACAC TAGACGGCCCTTTATGAACAGGACTCCTCGAGAGACTCCTCGAGAGT 189 TTGCCAGGTCCATCAGACGC CCCAGTTTACCTGTGCCAAGAT 190 TCCACTATAACTGCGGTCCATT AACAGGTCCCACGCATTATAGAGGAC 191 TTGCCAGGTCCAACAGTTCAGCACACT ACACGGACCCCCAGTTATAACAGGAT 192 CGGAACGGATAATCGCGGCGCAACAGTTAACCCGCGCAGTTATACATGTGGA 193 TAAAATAAGCGCCTCACAAGTTCG CGAACTTGTTAGAGCCCACTGGCAA 194 GCCCACTCGGAAACCTTTTCCCC GCGAGAACTTCCGTTCCG	168	AGCGGCAGAAACGTTCCTTGACGG	CCGTCAAGGAACGTTTCTGCCGCT
171 TITATGTGCCAAGGGGTTAACCGA 172 TGTTACTGTGGTTCACGGCAGTCC GGACTGCCGTGAACCACAGTAACA 173 CGCGCCTCGCTAGACCTTTTATTG CAATAAAAGGTCTAGCGAGGCGCG 174 ACAAATGCGTGAGAGCTCCCAACT AGTTGGGAGCTCTCACGCATTTGT 175 CGCGCAGATTATAGACCCGAATGT ACAATACGCCGCTGAATCGGCGT 176 CAATAAAAGGCCCGAATGT ACACTCACGCGCTTATATTCGCGCG 177 CCTTCGTGCATCGGTGATGATGTT ACACACCGATTCAGCGGCGT ACGCCGATTCAGCGGCGTATTTTG ACACACCGAGCAACACCCCAACGC CGCGTGAGACCACCCCAACGC CACCCCCACCCCCACCT ACGCCGATTCAGCGGCGTTATTTG ACACCACGAGCAACACTCCAACGC CGCGTTGGAGTGTTCCCCGAGGGCTTCACCCAGAGGATCTCCCACCGC 179 CAGCAGATCCTTCGTAGCGGTCGT ACGCCGCTACGAAGGATCTCCA 180 GGAACCTGGTGGAGTTGTGCCTCAT ATGAGCACCACACCA	169	TCGTCGAGCAGACGAGATTGCACG	CGTGCAATCTCGTCTGCTCGACGA
172 TGTTACTGTGGTTCACGGCAGTCC 173 CGCGCCTCGCTAGACCTTTTATTG 174 ACAAATGCGTGAGAGCTCCCAACT 175 CGCGCAGATTATAGACCCGAATGT 176 CAATAAAAGGTCTCACGGCGT 177 ACAATACGCCGCTGAATCGCGT 177 CCTTCGTGCATCGGTGATGATT 177 CCTTCGTGCATCGGTGATGATT 178 TGAACACGAGCAACCTCCAACGC 179 CAGCAGATCCTCGTAGACGTT 180 GGAACCTGGTGAGTGTT 181 TCATAAGCGCACTTATAGACCCGAATGT 182 CCCAACGTCACACGC 183 TGTCAGAGCCCGCAATTGTCACCGGATTGCCTTAGA 184 TACACCAGAGCAACACTCCAACGC 185 TGCAACGCCGCTGAATCGGCGTTA 186 TGCAACACGAGCAACACTCCAACGC 187 TCAGAAGCCCGCGAATTGTCCTCAT 188 TCATAAGCGACACTCCAACGC 180 GGAACCTGGTGAGTTGTGCCTCAT 181 TCATAAGCGACACATCGCGGGCTTA 182 CCCAACGTCACTGAAGCTCAACGT 183 TGTCAGAAGCCCCGCGACTCACACGT 184 TACACGAAGCCTCTCCGTGGTCCA 185 TGCAGAAGCCCTCCGTGGTCCA 186 ATCCTTTTATCACTCCGGGGCA 187 AGGCGTGCAACACACGGC 188 ACTCTTCGAGGGATTAAACC 189 TTGCCAGGGACTCTCGAGCGAACT 189 TTGCCAGGGAGTCTCTCGAGACCT 190 TCCACTATAACTGCGGGGTTA 190 TCCACTATAACTGCGGGGAACCTGTT 191 GCCCAGTCACTCAACAGT 192 CGGAACGGATAATCGGCGTCAGACT 193 TAAAATAAGCGCCTGGCGGAACAGTTCCCGCCT 194 GCCCAGTCGGCGAACACGTTCCCGCGCAACTGGGCCAACACTCCCCTCGAGACTTCCCGCGCAACACACGAACACCGCAACACGCAACACGCAACACGCAACACGCCTTAACACAGGTTAACACACGCCT 191 GCCCAGTCGCCTCAACAAGTTCC 192 CGGAACGGATAATCGGCGCACACACGCCCCCCCAGTTTATACTCGCACACCCCCT 193 TAAAATAACCCCTTGCCACACCCCCCCACCCCCCACCCCCCCC	170	TCTTTGCCGCGTAACTGACTGCTT	AAGCAGTCAGTTACGCGGCAAAGA
173 CGCGCCTCGCTAGACCTTTTATTG 174 ACAAATGCGTAGAGGCTCCCAACT 175 CGCGCAGATTATAGACCCGAATGT 176 CAAATAACGCCGCTGAATCGCGT 176 CAAATAACGCCGCTGAATCGCGT 177 CCTTCGTGCATCGGTGATGATGTT 177 CCTTCGTGCATCGGTGATGATGTT 178 TGAACACGAGCAACCTCCAACGC 179 CAGCAGATCCTTCGTAGCGGTCGT 180 GGAACCTGGTGAGTTGTGCCTCAT 181 TCATAAGCGCACTCCAACGC 181 TCATAAGCGCACACTCCAACGC 182 CCCAACGTCACTGAGCGGTTA 183 TGTCAGAGCACACTCCCAACGT 184 TACACCACGCACCCCAACGT 185 CTCAGAAGCCCCCCAACGT 186 CTCAGAAGCCCCCCAACGT 187 TGACACACGACACTCCAACGC 188 TGCACACGCACACTCCAACGT 189 CCCAACGTCACTGAAGCTCAACT 180 CCCAACGTCACTGAAGCTCAACT 181 TCATAAGCGACACTCACACT 181 TCATAAGCGACACTCACACT 182 CCCAACGTCACTGAAGCTCACACT 183 TGTCAGAAGCCCCGCGACTCAGACGG 184 TACACGAAGCCTCTCCCTGGTCCA 185 CTCAGAAGCCCCCGCGACTCAGACGG 186 ATCCTTTTATCTACTCCCGCGCGA 187 AGGCGTGCAGCACACACGGACACCCGCAGGACTTCTGAG 188 ACTCTCGAGGGAGTCTCTCGCCGCA 189 TTGCCAGGTCCATCGAGACCTGTT 180 CCCCAGTTGCCCAGAGCT 181 TGCCAGGTCCATCAGACCCGTTT 182 CCCAGTCGCCAACACGGACACCCGCAGACACTCCCTCGAGGT 184 TACACGAAGCCCTCCCGGCGCA 185 CTCCGAGGGACTCCCTCGAGCAC 186 ATCCTTTTATCTACTCCCCGCGCA 187 AGGCGTGCAGCACACAGGATAAACC 188 ACTCTCGAGGGAGTCTCTGCACA 189 TTGCCAGGTCCATCGAGACCTGTT 180 CCCAGTTGGCACA 191 TGCCAGTTATACTGCGGGTCCGTT 181 ACACGGACCCGCAGTTATATGTGGA 192 CGGAACGGATAATCCGCGTTAACACAGTTCC 193 TAAAATAAGCCCCTGGCGGAGAACTTCCCCCGCAGCCGTTATTTTTA 194 GCCCACTCGTGAAACCTTTCTCCC 195 AGTTTGCCAGGTACTCGCCGCAACTTCCCCGCCAGCCGTTATTTTTA 194 GCCCACTCGTGAAACCTTTCTCCC 195 AGTTTGCCAGGTACTGGCAAACCTTTCTCCC 196 ACACGAGGGATACCCTTCGCCAAACCTTTCTCCC 197 TAAAATAACCCCTTGGCAAACCTTTCTCCC 198 AGTTTGCCAGGTACTGCAACACTTCCCCCCCAGCCCTTATTTTTA 199 CCCCACTCGTGAAACCTTTCTCCC 190 ACACCAGCGCATTATTCCGCCGCAAACTTCCCCCCTTTTTTTA 190 CCCACTCGTGAAACCTTTCTCCC 191 ACACCAGCGCACTCCCCCAAAACTCCCCCGTTTTTTTACTCCCCCCCAGCCCTTATTTTTACTCCCCCCCAGCCCCTTATTTTTACTCCCCCCCC	171	TTTATGTGCCAAGGGGTTAACCGA	TCGGTTAACCCCTTGGCACATAAA
174 ACAAATGCGTGAGAGCTCCCAACT 175 CGCGCAGATTATAGACCCGAATGT 176 CAAATAACGCCGCTGAATCGGCGT 176 CAAATAACGCCGCTGAATCGGCGT 177 CCTTCGTGCATCGGTGATCGGCGT 177 CCTTCGTGCATCGGTGATGATGTT 178 TGAACACGAGCAACACTCCAACGC 179 CAGCAGATCCTTCGTAGCGGTCTTAGATCTGCTGTTCA 179 CAGCAGATCCTTCGTAGCGGTCGT 180 GGAACCTGGTGAGTGTTGCCTCAT 181 TCATAAGCGACAACTCCACGT 182 CCCAACGTCACTGAGGGCTTA 182 CCCAACGTCACTGAGGGCTTA 183 TGTCAGAGCCCGCAACTCACAGT 184 TACACGAAGCCTCCACGT 185 CTCAGAAGCCTCCGTGGTCCA 186 ATCCTTTTATCTACTCCGCGGCGATTGCCCGGAGGAGGCTTCGTGTA 187 AGGCCGCGATTCTTCGTAGCGGTCCA 188 ACTCTCGAGGAGCTCCCGCGGATTCGCCGAGGACTTCTGAG 189 TTGCCAGGTCACTGAAGCTCCCGGGGATAAACC 188 ACTCTCGAGGAGACCTCTCGGCGCAACTGGCACA 189 TTGCCAGGTCCATCGAGACCT 180 AGCCGTCAGACACACGCACCCGAGAGACCTCCTCGAGGT 181 ACACGAAGCCTCTCGCGCGCACTCAGACGCT 182 CTCAGAAGTCCTCGGCGCACTCAGACGCCT 183 ACCCTTTTATCTACTCCCCGCGCGA 184 ACCCTTTTATCTACTCCCCGCGCGA 185 CTCAGAAGTCCTCGGCGCACT 186 ATCCTTTTATCTACTCCCCGCGCGA 187 AGGCGTGCAGCAACAGGATAAACC 188 ACTCTCGAGGGAGCTCTTGGCACA 189 TTGCCAGGTCCATCGAGACCTGTT 180 ACCCGCGAGTAGATAAACC 190 TCCACTATAACTGCGGGTCCGTTT 190 ACCACGACCCCCAGTTATCCGTGCACA 191 GCCCAGTCGGCTCTAACAAGTTCC 192 CGGAACGGATAATCGGCGTCAGGT 193 TAAAATAAGCGCCTGGCGGAGGAGACCCCCCAGTTATCCGTTCCG 194 GCGCACTCGTGAAACCTTTCTCGC 195 AGTTTGCCAGGTACCTGGCACATTCCCGCGCCC 196 AGTTTGCCAGGTACCTTCTCCGC 197 TCCACCAGTGAAACCTTTCTCCC 198 ACAACGAGGGATATCCGGCGCAACTTCTTCCG 199 TAAAATAAGCGCCTGGCGGAACCTTCTCCGCCAGGCCCTTATTTTA 194 GCGCACTCGTGAAACCTTTCTCCC 195 AGTTTGCCAGGTACCTGGCAACTTCTCCGC 196 ACAACGAGGGATATCCAGCGGATACCCTCGGTGT 197 TCCACGACCCCCTAGGTACCTTCGCCAACCT 198 TAAAATAAGCGCCTAGGCAACTTCCCTCGCCAAACT 199 ACAACGAGGGATGTCCAGCGCAATACCCTCGTTGT 197 TTCGCAGCACCCGCTAGGTACAGTACCTTCGCAAACT 198 TAACCCGATTTTTTGCGACCTCGCCCGAAAAATCGGGTTAACAGGTTCCCGCCAAACT 199 CCCCGCCAGTTTTTTTGCGACCTCGCCGAAAATCCGGGTTAACCCTCGTTGT 199 CCCCGCATTGCAAGCGTACCTCGCCGAAAATCCGGGTTAACCCGCCGAAACT 199 CCCCGCATTGCAAGCGTAACCTTGCCCGCCAAAAATCGGGTTAACCCGCCTTGCCAACCCCCATTTTTTTGCGACCTCGCCGAAAAATCGGGTTAACCCGCTTGCCAAACCTTTCTCGCCGCCAAAAATCGGGTTAACCCGCTTGCCAACCCCCCATTGCAACCCCCCCC	172	TGTTACTGTGGTTCACGGCAGTCC	GGACTGCCGTGAACCACAGTAACA
175 CGCGCAGATTATAGACCCGAATGT ACATTCGGGTCTATAATCTGCGCG 176 CAAATAACGCCGCTGAATCGGCGT ACGCCGATTCAGCGGCGTTATTTG 177 CCTTCGTGCATCGGTGATGATGTT ACATCACCGATGCACGAAGG 178 TGAACACGAGCAACACTCCAACGC GCGTTGGAGTGTTCACAGCAGAGCACCCCAACGC GCGTTGGAGTGTTCCGTGTTCA 179 CAGCAGATCCTTCGTAGCGGTCGT ACGACCGCTACGAAGGATCTGCTG 180 GGAACCTGGTGAGTTGTGCCTCAT ATGAGGCACAACTCACCAGGTTCC 181 TCATAAGCGACAATCGCGGGCTTA TAAGCCCGCGATTGTCGCTTATGA 182 CCCAACGTCACTGAAGCTCACAGT ACTGTGAGCTTCAGTGACGTTGGG 183 TGTCAGAGCCCGCGACTCAGACGG CCGTCTGAGTCGCGGGCTCTGACA 184 TACACGAAGCCTCCCGTGGTCCA TGGACCACGGAGAGGCTTCGTGTA 185 CTCAGAAGTCCTCGGCGGAACTGGG CCCAGTTCGCCGAGGACTTCTGAG 186 ATCCTTTTATCTACTCCGCGGCGA TCGCCGGAGTAGATAAAAGGAT 187 AGGCGTGCAGCAACAGGATAAACC GGTTTATCCTGTGCACGCT 188 ACTCTCGAGGGAGTCTCTGGCACA TGTGCCAGAGACTCCCTCGAGGT 189 TTGCCAGGTCCATCGAGACCTGTT AACAGGTCTCGATGGACCTTGGCAA 190 TCCACTATAACTGCGGGTCCGTT ACACGGACCCCGCAGTTATAGTGGA 191 GCCCAGTCGGCTCAACAAGTTCG CGAACTTGTTAAGGACCTGGCC 192 CGGAACGGATAATCGGCGTCAGGT ACACGGACCCCGCATTATCCGTTCCG 193 TAAAATAAGCGCCTGGCGGAGGAGACTCCCTCGAGGCCT 194 GCGCACTCGTGAAACCTTTCTCGC GCGAGAAAGGTTTCACGAGTGCGC 195 AGTTTGCCAGGTACTGGCAACTTCTCGC 196 ACAACGAGGATACTCGGCGCATTATCCGTTCCG 197 TCACCAGTACACGGGTACCTTCTCCCCGCCAGGCGCTTATTTTA 194 GCGCACTCGTGAAACCTTTCTCGC GCGAGAAAGGTTTCACGAGTGCGC 195 AGTTTGCCAGGTACTTGCACAGTGC GCACTTGCCAGACCTTGCAAACT 196 ACAACGAGGGATATCCGGCGCATTATCCGTTCCG 197 TCCGCAGCGCCTAGGAACCTTTCTCGC GCGAGAAAGGTTTCACGAGTGCGC 197 TCCGCAGCGCCTAGGAACCTTTCTCGC GCGAGAAAGGTTTCACGAGTGCGC 198 AGTTTGCCAGGTACCTGGCAAACT 199 ACAACGAGGGATGTCCAGCGGATACCCTCGTTGT 190 TCCGCAGCACCCGCTAGGTACAGTGC GCACTTGCCAGACCCCCTGTTGT 191 TCCGCAGCACCCGCTAGGTACAGTGC GCACTTGCCAGAAACT 191 TCCGCAGCACCCGCTAGGTACAGTGC GCACTTGCCAGAACT 192 CGCACTCGTGAAACCTTTCTCGC GCGAGAACGTTCCCTCGTTGT 194 TCCCCGCCAGGGAAACGTTCCCTCGGTGTAACAGTGCGCC 195 AGTTTGCCAGGGAACCTTCCCTCGCCAGAACT 196 ACAACGAGGGATGTCCAAGCGTACCTTGCCAGAACT 197 TCCGCAGCACCCGCTAGGTACCTCGCCGCAAACT 198 TAACCCGATTTTTTGCGACTCGCC GGCAGAACTCCCTCGTTGTACCTAGCGGTTACCTTGCAACCCGCTTGCCAAACT 199 CCCCGCATTGCAAGCGTAGGCTTG CAAGCCTACCCTTGCAATGCGACG	173	CGCGCCTCGCTAGACCTTTTATTG	CAATAAAAGGTCTAGCGAGGCGCG
176 CAAATAACGCCGCTGAATCGGCGT ACGCCGATTCAGCGGCGTTATTTG 177 CCTTCGTGCATCGGTGATGATGTT AACATCATCACCGATGCACGAAGG 178 TGAACACGAGCAACACTCCAACGC GCGTTGGAGTGTTGCTCGTGTTCA 179 CAGCAGATCCTTCGTAGCGGTCGT ACGACCGCTACGAAGGATCTGCTG 180 GGAACCTGGTGAGTTGTGCCTCAT ATGAGGCACAACTCACCAGGTTCC 181 TCATAAGCGACAATCGCGGGCTTA TAAGCCCGCGATTGTCGCTTATGA 182 CCCAACGTCACTGAAGCTCACAGT ACTGTGAGCTTCAGTGAGGTTGGG 183 TGTCAGAGCCCGCGACTCAGACGG CCGTCTGAGCGTTGGGG 184 TACACGAAGCCTCCCGTGGTCCA TGGACCACGGAGAGGCTTCTGAGA 185 CTCAGAAGCCTCTCCGTGGTCCA TGGACCACGGAGAGGCTTCTGAG 186 ATCCTTTATCTACTCCGCGGCGA TCGCCGCGAGTAGATAAAAGGAT 187 AGGCGTGCAGCAGAGAGAGAGAGAGAGAACTACACGCCT 188 ACTCTCGAGGAGACTCTTGGCACA TGTGCCAGAGAGATAAAAAGGAT 189 TTGCCAGGAGACTCTTGGCACA TGTGCCAGAGACTCCCTCGAGAGT 190 TCCACTATAACTGCGGGTCCGTTT AACAGGACCCGCAGTTATAGTGGA 191 GCCCAGTCGGCTCAAGATCAGC CGAACTTGTTAAGTGGA 192 CGGAACGGATAATCGGCGTCAGT ACCAGGACCCGCAGTTATACTGGG 193 TAAAATAAGCGCTCGAGAGAGAGAGACTCCCTCGAGAGC 194 GCCCAGTCGGCAGAACCTTTCTCGC GCGAACTTGTTAAGTGGAC 195 AGTTTGCCAGGAACCTTTCTCGC GCGAACTTGTTAACTCGTTCCG 195 AGTTTGCCAGGAACCTTTCTCGC GCGAGAAAGGTTTCACGAGTGCCC 196 ACAACGAGGATCCCGCGCATTATTTTA 197 GCGCACCCGCTGAAACCTTTCTCGC GCGAGAAAAGGTTTCACGAGTCGCC 196 ACAACGAGGATCCCAGCGCAT ATGCCCCCAGTACCTCGGCAA 197 TTCGCAGCACCCGCTAGGAACCTTTCTCGC GCGAGAAAAGGTTTCACGAGTCGCCCAACTT 196 ACAACGAGGATCCCAGCGCATTATCCGTTCCG 197 TTCGCAGCACCCGCTAGGTACACT ACTGTACCTAGCGGGTGAACT 197 TTCGCAGCACCCGCTAGGTACACT ACTGTACCTAGCGGGTGCGAA 198 TAACCCGATTTTTGCGACTCTGCC GGCAGAAAAATCGGGTTA 199 CGTCGCATTGCAAGCGTAGGCTTG CAAGCCTACCTTGCAAAATCGGGTTA 199 CGCCCACTTGCAAGCGTAGGCTTG CAAGCCTACCTTGCAAAAATCGGGTTA 199 CGCCCACTTGCAAGCGTAGGCTTG CAAGCCTACCTTGCAAAAATCGGGTTA 199 CGCCCACTTGCAAGCGTAGGCTTG CAAGCCTACCTTGCAAAAATCGGGTTA 199 CGCCCACTTGCCAAGGCACCGCAAAAATCGGGTTA 199 CGCCCACTTGCCAAGGCCTTGCC GGCAAAAAATCGGGTTA	174	ACAAATGCGTGAGAGCTCCCAACT	AGTTGGGAGCTCTCACGCATTTGT
177 CCTTCGTGCATCGGTGATGATGTT 178 TGAACACGAGCAACACTCCAACGC GCGTTGGAGTGTTCCATGACCGAGGCAACACTCCAACGC GCGTTGGAGTGTTTGCTCGTGTTCA 179 CAGCAGATCCTTCGTAGCGGTCGT ACGACCGCTACGAAGGATCTGCTG 180 GGAACCTGGTGAGTTGTGCCTCAT ATGAGGCACAACTCACCAGGTTCC 181 TCATAAGCGACAATCGCGGGCTTA TAAGCCCGCGATTGTCGCTTATGA 182 CCCAACGTCACTGAAGCTCACAGT ACTGTGAGCTTCAGTGACGTTGCG 183 TGTCAGAGCCCGCGACTCAGACGG CCGTCTGAGTCGCGGGCTCTGACA 184 TACACGAAGCCTCCCGTGGTCCA TGGACCACGGAGAGGCTTCGTGTA 185 CTCAGAAGTCCTCGGTGGTCCA TGGACCACGGAGAGGCTTCTGAG 186 ATCCTTTTATCTACTCCGCGGCGA TCGCCGCGGAGTAGAAAAGGAT 187 AGGCGTGCAGCAACAGGATAAACC GGTTTATCCTGTTGCTGCACGCCT 188 ACTCTCGAGGGGTCTCTGGCACA TGTGCCAGAGATCCCTCGAGAGT 189 TTGCCAGGTCCATCGAGACCTGTT AACAGGTCTCGATGACACAGA 190 TCCACTATAACTGCGGGTCCGTT AACAGGTCTCGATGACACAGA 191 GCCCAGTCGGCTCTAACAAGTTCG CGAACTTGTTAGAGCCGACTGGGC 192 CGGAACGGATAATCGGCGTCAGGT ACCTGACGACTTGTTAGCTGCG 193 TAAAATAAGCGCCTGGCGGAGGA 194 GCCCACTCGGAACCTTTCTCCG 195 AGTTTGCCAGGTACTTCCGC 195 AGTTTGCCAGGTACTTCCGC 196 ACAACGAGGATCTCTCGCACATCC 197 TTCGCAGCACCCGCTAGGTACCTTCTCTCG 198 TAAAATAAGCGCTTGGCAAGTC GCACTTGCCAGTACCTTGCAAACTT 199 CGCCGATTGCAAGCCTTGCC GCCAGAGTTCCCTCGTTGT 197 TTCGCAGCACCCGCTAGGTACAGT 198 TAACCCGATTTTTGCGACTCGCC GGCAAAAAATCGGGTTAA 199 CGTCGCATTGCAAGCGTTGC CAAGCCTACGCTTGCAAAATCGGGTTAA 199 CGTCGCATTGCAAGCGTTGC CAAGCCTACGCTTGCAAAATCGGGTTAA 199 CGTCGCATTGCAAGCGTTAGCCCC GGCAAAAAATCGGGTTAA 199 CGTCGCATTGCAAGCGTTAGCCCC GGCAAAAAATCGGGTTAACCGGCTAACCTTGCCCCGCAAAAAATCGGGTTAACCGGCTAACCTTGCCAAAAATCGGGTTAACCGGCTAACCTTGCCCGCAAAAAATCGGGTTAACCGGCTAACCTTGCCCGCAAAAAATCGGGTTAACCGCGCAAAAAATCGGGTTAACCGCGCAAAAAATCGGGTTAACCGCGCAAAAAATCGGGTTAACCGCAACCCGCAATTGCCAAAAAATCGGGTTAACCGCAACCCGCAATTGCCAAAAAATCGGGTTAACCGCAACCCGCAATTGCCAAAAAATCGGGTTAACCGCAAAAAATCGGGTTAACCGCAAAAAATCGGGTTAACCGCAAAAAATCGGGTTAACCGCAAAAAATCGGGTTAACCGCAAAAAATCGGGTTAACCGCAAAAAATCGGGTTAACCGCAAAAAATCGGGTTAACCGCAAAAAATCGGGTTAACCGCAAAAAATCGGGTTAACCGCCAAAAAATCGGGTTAACCGCAAAAAATCGGGTTAACCGCAAAAAATCGGGTTAACCGCAAAAAATCGGGTTAACCGCCAAAAAATCGGGTTAACCTAACCTAGCAAAAAATCGGGTTAACCTAACCTAACCTAGCAAAAAATCGGGTTAACCTAACCTAACATGCAAAAAT	175	CGCGCAGATTATAGACCCGAATGT	ACATTCGGGTCTATAATCTGCGCG
178 TGAACACGAGCAACACTCCAACGC GCGTTGGAGTGTTCATCATTCATTCATCCTGTAGCGGTCGT ACGACCGCTACGAAGGATCTCGTGTTCA 180 GGAACCTGGTGAGTTGTGCCTCAT ATGAGGCACAACTCACCAGGTTCC 181 TCATAAGCGACAATCGCGGGCTTA TAAGCCCGCGATTGTCGCTTATGA 182 CCCAACGTCACTGAAGCTCACAGT ACTGTGAGCTTCAGTGGG 183 TGTCAGAGCCCGCGACTCAGACGG CCGTCTGAGTCGCGGGTTCAGA 184 TACACGAAGCCTCTCCGTGGTCCA TGGACCACGGAGAGGCTTCGTGTA 185 CTCAGAAGTCCTCGGGGGAACTGGG CCCAGTTCGCCGAGGACTTCTGAG 186 ATCCTTTTATCTACTCCGCGGCGA TCGCCGCGGAGTAGATAAAAGGAT 187 AGGCGTGCAGCAACAGGATAAACC GGTTTATCCTGTTGCTGCACGCCT 188 ACTCTCGAGGGAGTCTCTGGCACA TGTGCCCAGAGACTCCCTCGAGAGT 189 TTGCCAGGGGAGTCTCTGGCACA TGTGCCAGAGACCTCCTCGAGAGT 190 TCCACTATAACTGCGGGTCCGTT ACAAGGTCTCGATGGACCTGGCA 191 GCCCAGTCGGCTCAACAAGTTCG CGAACTTGTTAGAGCCGACTGGGC 192 CGGAACGGATAATCGGCGTCAGGT ACCAGGACCCGCAGTTATAGTGGA 193 TAAAATAAGCGCCTGGCGGAGGA TCCTCCCGCCAGGCGCTTATTTTA 194 GCGCACTCGTGAAACCTTTCCCC GCGAGAAAAGGTTTCCGTTCCG	176	CAAATAACGCCGCTGAATCGGCGT	ACGCCGATTCAGCGGCGTTATTTG
179 CAGCAGATCCTTCGTAGCGGTCGT ACGACCGCTACGAAGGATCTGCTG 180 GGAACCTGGTGAGTTGTGCCTCAT ATGAGGCACAACTCACCAGGTTCC 181 TCATAAGCGACAATCGCGGGCTTA TAAGCCCGCGATTGTCGCTTATGA 182 CCCAACGTCACTGAAGCTCACAGT ACTGTGAGCTTCAGTGACGTTGGG 183 TGTCAGAGCCCGCGACTCAGACGG CCGTCTGAGTCGCGGGGCTCTGACA 184 TACACGAAGCCTCCCGTGGTCCA TGGACCACGGAGGGCTTCGTGTA 185 CTCAGAAGTCCTCGGCGAACTGGG CCCAGTTCGCCGAGGACTTCTGAG 186 ATCCTTTTATCTACTCCGCGGCGA TCGCCGCGAGTAGATAAAAGGAT 187 AGGCGTGCAGCAACAGGATAAACC GGTTTATCCTGTGCACGCCT 188 ACTCTCGAGGGAGTCCTTGGCACA TGTGCCAGAGACTCCCTCGAGAGT 189 TTGCCAGGTCCATCGAGACCTGTT AACAGGTCTCGATGACCTGGCAA 190 TCCACTATAACTGCGGGTCCGTGT ACACGGACCCGCAGTTATAGTGGA 191 GCCCAGTCGGCTCTAACAAGTTCG CGAACTTGTTAGAGCCGACTGGGC 192 CGGAACGGATAATCGGCGTCAGGT ACCTGACGCCGATTATCCGTTCCG 193 TAAAATAAGCGCCTGGCGGGAGGA TCCTCCCGCCAGGCGCTTATTTTA 194 GCGCACTCGTGAAACCTTTCCGC GCGAGAAAGGTTCACGAGTGCGC 195 AGTTTGCCAGGTACCTGCCAGGCACCTGCCAACT 196 ACAACGAGGATCCCAGCGCAT ATGCCCCAGTACCTGGCAACT 197 TTCGCAGCACCCGCTAGGTACAGT ACTGTACCTGCGGAA 198 TAACCCGATTTTTGCGACTCTGCC GCAAGACTCCCTCGTTGT 197 TTCGCAGCACCCGCTAGGTACAGT ACTGTACCTAGCGGGTTAT 198 TAACCCGATTTTTGCGACTCTGCC GCAAGACTCCCTCGTTTT 197 TTCGCAGCACCCGCTAGGTACAGT ACTGTACCTAGCGGGTTACTGGAC 198 TAACCCGATTTTTGCGACTCTGCC GCAAGACTCCCTCGTTTT 199 CGTCGCATTGCAAGCGTTAGCTGCC GCAAGACTCCCTCGTTTATTTACGACCCGATTTTTTCCGACAGCACCCGCATTTTTTCCGC GCAACTTGCCAGAACACT ACTGTACCTAGCGGGTTACTGTACCAGAACT 199 CGTCGCATTTTTTCCGC GCAAGACTCCCTCGTTTTTACCGACTTTTTCCGC GCAACCTTGCCAAAAAACTCGGGTTACCGAAACT 199 CGTCGCATTTTTTCCGC GCAAGACTCCCTCGTTTTTACCGACTTTTTTCCGCACACCCGCATTTTTTTCCGCACACACCCGCAAAAAACTCCCTCGTTTTTTACCAACCGACTTTCCCCCACAAAAAACTCGGGTTAACCCTCCAACACT ACTGCAACAAAAAACCAACTTCCCCAACACT ACTGCAAAAAAACCAACCAACACCCAACACCCCCCAAAAAAACCAACCAACAC	177	CCTTCGTGCATCGGTGATGATGTT	AACATCATCACCGATGCACGAAGG
180 GGAACCTGGTGAGTTGTGCCTCAT ATGAGGCACAACTCACCAGGTTCC 181 TCATAAGCGACAATCGCGGGCTTA TAAGCCCGCGATTGTCGCTTATGA 182 CCCAACGTCACTGAAGCTCACAGT ACTGTGAGCTTCAGTGACGTTGGG 183 TGTCAGAGCCCGCGACTCAGACGG CCGTCTGAGTCGCGGGCTCTGACA 184 TACACGAAGCCTCCCGTGGTCCA TGGACCACGGAGAGCTTCTGGTA 185 CTCAGAAGTCCTCGGCGAACTGGG CCCAGTTCGCCGAGGACTTCTGAG 186 ATCCTTTTATCTACTCCGCGGCGA TCGCCGGGAGTAGATAAAAGGAT 187 AGGCGTGCAGCAACAGGATAAACC GGTTTATCCTGTTGCTGCACGCCT 188 ACTCTCGAGGAGTCTCTGGCACA TGTGCCAGAGACTCCCTCGAGAGT 189 TTGCCAGGTCCATCGAGACCTGTT AACAGGTCTCGATGGACCTGGCAA 190 TCCACTATAACTGCGGGTCCGTGT ACACGGACCCGCAGTTATAGTGGA 191 GCCCAGTCGGCTCAACAAGTTCG CGAACTTGTTAGAGCCGACTGGGC 192 CGGAACGGATAATCGGCGTCAGGT ACCTGACGCCGATTATCCGTTCCG 193 TAAAATAAGCGCCTGGCGGGAGGA TCCTCCCGCCAGGCGCTTATTTTA 194 GCGCACTCGTGAAACCTTTCTCCC GCGAGAAAAGGTTTCACGAGTGCGC 195 AGTTTGCCAGGTACTGGCAAGTGC GCACTTGCCAGTACCTTGGCAAACT 196 ACACGAGGGATGTCCAGCGGCAT ATGCCGCTGGACATCCCTCGTTGT 197 TTCGCAGCACCCGCTAGGTACAGT ACTGTACCTGGCAAACT 198 TAACCCGATTTTTGCGACTCTGCC GCAGAGTCCCTCGTTGT 197 TTCGCAGCACCCGCTAGGTACAGT ACTGTACCTAGCGGGTTACTTGTACGACTGCCAAACT 198 CAACCGAGGATTTTTTCCGC GCAGAGTCCCTCGTTGT 197 TTCGCAGCACCCGCTAGGTACAGT ACTGTACCTAGCGGGTTACCTGCGAAACT 198 CAACCGAGGATTTTTTGCGACTCTCCC GCCAGAGCTCCCTCGTTTAT 199 CGTCGCATTGCAAGCGTAGGCTTG CAAGCCTTACCTTGCAATGCGACG	178	TGAACACGAGCAACACTCCAACGC	GCGTTGGAGTGTTGCTCGTGTTCA
181 TCATAAGCGACAATCGCGGGCTTA 182 CCCAACGTCACTGAAGCTCACAGT ACTGTGAGTCGCGGGTTTATGA 183 TGTCAGAGCCCGCGACTCAGACGG CCGTCTGAGTCGCGGGCTCTGACA 184 TACACGAAGCCTCCCGTGGTCCA TGGACCACGGAGAGGCTTCGTGTA 185 CTCAGAAGTCCTCGGCGAACTGGG CCCAGTTCGCCGAGGACTTCTGAG 186 ATCCTTTTATCTACTCCGCGGCGA TCGCCGCGAGTAGATAAAAGGAT 187 AGGCGTGCAGCAACAGGATAAACC GGTTTATCCTGCTGCACGCCT 188 ACTCTCGAGGGAGTCTCTGGCACA TGTGCCAGAGACTCCCTCGAGAGT 189 TTGCCAGGTCCATCGAGACCTGTT AACAGGTCTCGATGGACA 190 TCCACTATAACTGCGGGTCCGTGT ACACGGACCCGCAGTTATAGTGGA 191 GCCCAGTCGGCTCTAACAAGTTCG CGAACTTGTTAGAGCCGACTGGCC 192 CGGAACGGATAATCGGCGTCAGGT ACCTGACGCCGATTATCCGTTCCG 193 TAAAATAAGCGCCTGGCGGGAGGA TCCTCCCGCCAGGCGCTTATTTTA 194 GCGCACTCGTGAAACCTTTCTCGC GCGAGAAAGGTTTCACGAGTGCGC 195 AGTTTGCCAGGTACTGCCAGGGCATATCCGGCGCAAACT 196 ACAACGAGGGATCCCAGCGCATTACCGGCGCAAACT 197 TTCGCAGCACCCGCTAGGTACAGT ACTGTACCTGCGAAACT 198 TAACCCGATTTTTCCGC GCGAGAACTCCCTCGTTGT 197 TTCGCAGCACCCGCTAGGTACAGT ACTGTACCTAGCGGGTGCGCAAACT 198 TAACCCGATTTTTCCGC GCGCAGACTCCCTCGTTGT 197 TTCGCAGCACCCGCTAGGTACAGT ACTGTACCTAGCGGGTGCTGCGAA 198 TAACCCGATTTTTCCGC GCGCAGAGTCCCAAAAATCGGGTTA 199 CGTCGCATTGCAAGCGTAGGCTTG CAAGCCTACCTTTGCAATGCGACG	179	CAGCAGATCCTTCGTAGCGGTCGT	ACGACCGCTACGAAGGATCTGCTG
182 CCCAACGTCACTGAAGCTCACAGT ACTGTGAGCTTCAGTGACGTTGGG 183 TGTCAGAGCCCGCGACTCAGACGG CCGTCTGAGTCGCGGGCTCTGACA 184 TACACGAAGCCTCTCCGTGGTCCA TGGACCACGGAGAGGCTTCGTGTA 185 CTCAGAAGTCCTCGGCGAACTGGG CCCAGTTCGCCGAGGACTTCTGAG 186 ATCCTTTTATCTACTCCGCGGCGA TCGCCGCGGAGTAGATAAAAGGAT 187 AGGCGTGCAGCAACAGGATAAACC GGTTTATCCTGTTGCTGCACGCCT 188 ACTCTCGAGGGAGTCTCTGGCACA TGTGCCAGAGACTCCCTCGAGAGT 189 TTGCCAGGTCCATCGAGACCTGTT AACAGGTCTCGATGGACCTGGCAA 190 TCCACTATAACTGCGGGTCCGTGT ACACGGACCCGCAGTTATAGTGGA 191 GCCCAGTCGGCTCAACAAGTTCG CGAACTTGTTAGAGCCGACTGGCC 192 CGGAACGGATAATCGGCGTCAGGT ACCTGACGCCGATTATCCGTTCCG 193 TAAAATAAGCGCCTGGCGGAGGA TCCTCCCGCCAGGCGTTATTTTA 194 GCGCACTCGTGAAACCTTTCTCGC GCGAGAAAGGTTTCACGAGTGCGC 195 AGTTTGCCAGGTACTGGCAAGTGC GCACTTGCCAGTACCTGGCAA 196 ACACGAGGGATCTCCAGCGCAT 197 TTCGCAGCACCCGCTAGGTACAGT ACCTGACCGCTGGACATCCTCGTTGT 197 TTCGCAGCACCCGCTAGGTACAGT ACTGTACCTAGCGGGTGCTGCAA 198 TAACCCGATTTTTGCGACTCTGCC GGCAGAACTCCCTCGTTGT 197 CGCCCGCTTGGACACCTTGCCC GGCAGAACTCCCTCGTTGT 198 CGTCGCATTGCAAGCGTACGCCCCAAAAATCGGGTTA 199 CGTCGCATTGCAAGCGTAGCTTG CAAGCCTACCTTGCAATGCGACG	180	GGAACCTGGTGAGTTGTGCCTCAT	ATGAGGCACAACTCACCAGGTTCC
183 TGTCAGAGCCCGCGACTCAGACGG CCGTCTGAGTCGCGGGCTCTGACA 184 TACACGAAGCCTCTCCGTGGTCCA TGGACCACGGAGAGGCTTCGTGTA 185 CTCAGAAGTCCTCGGCGAACTGGG CCCAGTTCGCCGAGGACTTCTGAG 186 ATCCTTTTATCTACTCCGCGGCGA TCGCCGCGGAGTAGATAAAAGGAT 187 AGGCGTGCAGCAACAGGATAAACC GGTTTATCCTGTTGCTGCACGCCT 188 ACTCTCGAGGGAGTCTCTGGCACA TGTGCCAGAGACTCCCTCGAGAGT 189 TTGCCAGGTCCATCGAGACCTGTT AACAGGTCTCGATGGACCTGGCAA 190 TCCACTATAACTGCGGGTCCGTGT ACACGGACCCGCAGTTATAGTGGA 191 GCCCAGTCGGCTCTAACAAGTTCG CGAACTTGTTAGAGCCGACTGGGC 192 CGGAACGGATAATCGGCGTCAGGT ACCTGACGCCGATTATCCGTTCCG 193 TAAAATAAGCGCCTGGCGGGAGGA TCCTCCCGCCAGGCGCTTATTTTA 194 GCGCACTCGTGAAACCTTTCTCGC GCGAGAAAGGTTTCACGAGTGCGC 195 AGTTTGCCAGGTACTGGCAAGTGC GCACTTGCCAGTACCTGGCAACT 196 ACAACGAGGGATGTCCAGCGGCAT ATGCCGCTGGACATCCCTCGTTGT 197 TTCGCAGCACCCGCTAGGTACAGT ACTGTACCTAGCGGGTGCTGCGAA 198 TAACCCGATTTTTGCGACTCTGCC GGCAGAGTCGCCAAAAAATCGGGTTA 199 CGTCGCATTGCAAGCGTAGGCTTG CAAGCCTACGCTTGCAATGCGACG	181	TCATAAGCGACAATCGCGGGCTTA	TAAGCCCGCGATTGTCGCTTATGA
184 TACACGAAGCCTCTCCGTGGTCCA TGGACCACGGAGAGGCTTCGTGTA 185 CTCAGAAGTCCTCGGCGAACTGGG CCCAGTTCGCCGAGGACTTCTGAG 186 ATCCTTTTATCTACTCCGCGGCGA TCGCCGCGAGTAGATAAAAGGAT 187 AGGCGTGCAGCAACAGGATAAACC GGTTTATCCTGTGCACGCCT 188 ACTCTCGAGGGAGTCTCTGGCACA TGTGCCAGAGACTCCCTCGAGAGT 189 TTGCCAGGTCCATCGAGACCTGTT AACAGGTCTCGATGGACCTGGCAA 190 TCCACTATAACTGCGGGTCCGTGT ACACGGACCCGCAGTTATAGTGGA 191 GCCCAGTCGGCTCTAACAAGTTCG CGAACTTGTTAGAGCCGACTGGGC 192 CGGAACGGATAATCGGCGTCAGGT ACCTGACGCCGATTATCCGTTCCG 193 TAAAATAAGCGCCTGGCGGGAGGA TCCTCCCGCCAGGCGCTTATTTTA 194 GCGCACTCGTGAAACCTTTCTCGC GCGAGAAAGGTTTCACGAGTGCGC 195 AGTTTGCCAGGTACTGGCAAGTGC GCACTTGCCAGTACCTGGCAACT 196 ACAACGAGGGATGTCCAGCGGCAT 197 TTCGCAGCACCCGCTAGGTACAGT 198 TAACCCGATTTTTGCGACTCTGCC GGCAGAGTCGCCAAAAATCGGGTTA 199 CGTCGCATTGCAAGCGTAGGCTTG CAAGCCTTGCCAATGCGACG	182	CCCAACGTCACTGAAGCTCACAGT	ACTGTGAGCTTCAGTGACGTTGGG
185 CTCAGAAGTCCTCGGCGAACTGGG CCCAGTTCGCCGAGGACTTCTGAG 186 ATCCTTTTATCTACTCCGCGGCGA TCGCCGCGGAGTAGATAAAAGGAT 187 AGGCGTGCAGCAACAGGATAAACC GGTTTATCCTGTTGCTGCACGCCT 188 ACTCTCGAGGGAGTCTCTGGCACA TGTGCCAGAGACTCCCTCGAGAGT 189 TTGCCAGGTCCATCGAGACCTGTT AACAGGTCTCGATGGACCTGGCAA 190 TCCACTATAACTGCGGGTCCGTGT ACACGGACCCGCAGTTATAGTGGA 191 GCCCAGTCGGCTCTAACAAGTTCG CGAACTTGTTAGAGCCGACTGGGC 192 CGGAACGGATAATCGGCGTCAGGT ACCTGACGCCGATTATCCGTTCCG 193 TAAAATAAGCGCCTGGCGGGAGGA TCCTCCCGCCAGGCGCTTATTTTA 194 GCGCACTCGTGAAACCTTTCTCGC GCGAGAAAGGTTTCACGAGTGCGC 195 AGTTTGCCAGGTACTGGCAAGTGC GCACTTGCCAGTACCTGGCAAACT 196 ACAACGAGGATGTCCAGCGGCAT ATGCCGCTGGACATCCCTCGTTGT 197 TTCGCAGCACCCGCTAGGTACAGT ACTGTACCTAGCGGGTGCTGCGAA 198 TAACCCGATTTTTGCGACTCTGCC GGCAGAGTCGCAAAAAATCGGGTTA 199 CGTCGCATTGCAAGCGTAGGCTTG CAAGCCTACGCTTGCAATGCGACG	183	TGTCAGAGCCCGCGACTCAGACGG	CCGTCTGAGTCGCGGGCTCTGACA
ATCCTTTATCTACTCCGCGGCGA TCGCCGCGGAGTAGATAAAAGGAT AGGCGTGCAGCAACAGGATAAACC GGTTTATCCTGTTGCTGCACGCCT 188 ACTCTCGAGGGAGTCTCTGGCACA TGTGCCAGAGACTCCCTCGAGAGT 189 TTGCCAGGTCCATCGAGACCTGTT AACAGGTCTCGATGGACCTGGCAA 190 TCCACTATAACTGCGGGTCCGTGT ACACGGACCCGCAGTTATAGTGGA 191 GCCCAGTCGGCTCTAACAAGTTCG CGAACTGTTAGAGCCGACTGGGC 192 CGGAACGGATAATCGGCGTCAGGT ACCTGACGCCGATTATCCGTTCCG 193 TAAAATAAGCGCCTGGCGGAGGA TCCTCCCGCCAGGCGCTTATTTTA 194 GCGCACTCGTGAAACCTTTCTCGC GCGAGAAAGGTTTCACGAGTGCGC 195 AGTTTGCCAGGTACTGGCAAGTGC GCACTTGCCAGTACCTCGCGAAACT 196 ACAACGAGGGATGTCCAGCGCAT ATGCCGCTGGACATCCTCGTTGT 197 TTCGCAGCACCCGCTAGGTACAGT ACTGTACCTAGCGGGTGCTGCGAA 198 TAACCCGATTTTTGCGACTCTGCC GGCAGAGTCGCAAAAATCGGGTTA 199 CGTCGCATTGCAAGCGTAGGCTTG CAAGCCTACGCTTGCAATGCGACG	184	TACACGAAGCCTCTCCGTGGTCCA	TGGACCACGGAGAGGCTTCGTGTA
187 AGGCGTGCAGCAACAGGATAAACC GGTTTATCCTGTTGCTGCACGCCT 188 ACTCTCGAGGGAGTCTCTGGCACA TGTGCCAGAGACTCCCTCGAGAGT 189 TTGCCAGGTCCATCGAGACCTGTT AACAGGTCTCGATGGACCTGGCAA 190 TCCACTATAACTGCGGGTCCGTGT ACACGGACCCGCAGTTATAGTGGA 191 GCCCAGTCGGCTCTAACAAGTTCG CGAACTTGTTAGAGCCGACTGGGC 192 CGGAACGGATAATCGGCGTCAGGT ACCTGACGCCGATTATCCGTTCCG 193 TAAAATAAGCGCCTGGCGGGAGGA TCCTCCCGCCAGGCGCTTATTTTA 194 GCGCACTCGTGAAACCTTTCTCGC GCGAGAAAGGTTTCACGAGTGCGC 195 AGTTTGCCAGGTACTGGCAAGTGC GCACTTGCCAGTACCTGGCAAACT 196 ACAACGAGGGATGTCCAGCGGCAT ATGCCGCTGGACATCCCTCGTTGT 197 TTCGCAGCACCCGCTAGGTACAGT ACTGTACCTAGCGGGTGCTGCGAA 198 TAACCCGATTTTTGCGACTCTGCC GGCAGAGTCGCCAAAAATCGGGTTA 199 CGTCGCATTGCAAGCGTAGGCTTG CAAGCCTACGCTTGCAATGCGACG	185	CTCAGAAGTCCTCGGCGAACTGGG	CCCAGTTCGCCGAGGACTTCTGAG
188 ACTCTCGAGGAGTCTCTGGCACA TGTGCCAGAGACTCCCTCGAGAGT 189 TTGCCAGGTCCATCGAGACCTGTT AACAGGTCTCGATGGACCTGGCAA 190 TCCACTATAACTGCGGGTCCGTGT ACACGGACCCGCAGTTATAGTGGA 191 GCCCAGTCGGCTCTAACAAGTTCG CGAACTTGTTAGAGCCGACTGGGC 192 CGGAACGGATAATCGGCGTCAGGT ACCTGACGCCGATTATCCGTTCCG 193 TAAAATAAGCGCCTGGCGGGAGGA TCCTCCCGCCAGGCGCTTATTTTA 194 GCGCACTCGTGAAACCTTTCTCGC GCGAGAAAGGTTTCACGAGTGCGC 195 AGTTTGCCAGGTACTGGCAAGTGC GCACTTGCCAGTACCTGGCAAACT 196 ACAACGAGGGATGTCCAGCGGCAT ATGCCGCTGGACATCCCTCGTTGT 197 TTCGCAGCACCCGCTAGGTACAGT ACTGTACCTAGCGGGTGCTGCAA 198 TAACCCGATTTTTGCGACTCTGCC GGCAGAGTCGCCAAAAATCGGGTTA 199 CGTCGCATTGCAAGCGTAGGCTTG CAAGCCTACGCTTGCAATGCGACG	186	ATCCTTTTATCTACTCCGCGGCGA	TCGCCGCGGAGTAGATAAAAGGAT
TIGCCAGGTCCATCGAGACCTGTT AACAGGTCTCGATGACCTGGCAA 190 TCCACTATAACTGCGGGTCCGTGT ACACGGACCCGCAGTTATAGTGGA 191 GCCCAGTCGGCTCTAACAAGTTCG CGAACTTGTTAGAGCCGACTGGGC 192 CGGAACGGATAATCGGCGTCAGGT ACCTGACGCCGATTATCCGTTCCG 193 TAAAATAAGCGCCTGGCGGAGGA TCCTCCCGCCAGGCGCTTATTTTA 194 GCGCACTCGTGAAACCTTTCTCGC GCGAGAAAGGTTTCACGAGTGCGC 195 AGTTTGCCAGGTACTGGCAAGTGC GCACTTGCCAGTACCTGGCAAACT 196 ACAACGAGGGATGTCCAGCGGCAT ATGCCGCTGGACATCCCTCGTTGT 197 TTCGCAGCACCCGCTAGGTACAGT ACTGTACCTAGCGGGTGCTGCAA 198 TAACCCGATTTTTGCGACTCTGCC GGCAGAGTCGCAAAAATCGGGTTA 199 CGTCGCATTGCAAGCGTAGGCTTG CAAGCCTACGCTTGCAATGCGACG	187	AGGCGTGCAGCAACAGGATAAACC	GGTTTATCCTGTTGCTGCACGCCT
190 TCCACTATAACTGCGGGTCCGTGT ACACGGACCCGCAGTTATAGTGGA 191 GCCCAGTCGGCTCTAACAAGTTCG CGAACTTGTTAGAGCCGACTGGGC 192 CGGAACGGATAATCGGCGTCAGGT ACCTGACGCCGATTATCCGTTCCG 193 TAAAATAAGCGCCTGGCGGGAGGA TCCTCCCGCCAGGCGCTTATTTTA 194 GCGCACTCGTGAAACCTTTCTCGC GCGAGAAAGGTTTCACGAGTGCGC 195 AGTTTGCCAGGTACTGGCAAGTGC GCACTTGCCAGTACCTGGCAAACT 196 ACAACGAGGGATGTCCAGCGGCAT ATGCCGCTGGACATCCCTCGTTGT 197 TTCGCAGCACCCGCTAGGTACAGT ACTGTACCTAGCGGGTGCTGCGAA 198 TAACCCGATTTTTGCGACTCTGCC GGCAGAGTCGCAAAAATCGGGTTA 199 CGTCGCATTGCAAGCGTAGGCTTG CAAGCCTACGCTTGCAATGCGACG	188	ACTCTCGAGGGAGTCTCTGGCACA	TGTGCCAGAGACTCCCTCGAGAGT
191 GCCCAGTCGGCTCTAACAAGTTCG CGAACTTGTTAGAGCCGACTGGGC 192 CGGAACGGATAATCGGCGTCAGGT ACCTGACGCCGATTATCCGTTCCG 193 TAAAATAAGCGCCTGGCGGGAGGA TCCTCCCGCCAGGCGCTTATTTTA 194 GCGCACTCGTGAAACCTTTCTCGC GCGAGAAAGGTTTCACGAGTGCGC 195 AGTTTGCCAGGTACTGGCAAGTGC GCACTTGCCAGTACCTGGCAAACT 196 ACAACGAGGGATGTCCAGCGGCAT ATGCCGCTGGACATCCCTCGTTGT 197 TTCGCAGCACCCGCTAGGTACAGT ACTGTACCTAGCGGGTGCTGCGAA 198 TAACCCGATTTTTGCGACTCTGCC GGCAGAGTCGCAAAAATCGGGTTA 199 CGTCGCATTGCAAGCGTAGGCTTG CAAGCCTACGCTTGCAATGCGACG	189	TTGCCAGGTCCATCGAGACCTGTT	AACAGGTCTCGATGGACCTGGCAA
192 CGGAACGGATAATCGGCGTCAGGT ACCTGACGCCGATTATCCGTTCCG 193 TAAAATAAGCGCCTGGCGGGAGGA TCCTCCCGCCAGGCGCTTATTTTA 194 GCGCACTCGTGAAACCTTTCTCGC GCGAGAAAGGTTTCACGAGTGCGC 195 AGTTTGCCAGGTACTGGCAAGTGC GCACTTGCCAGTACCTGGCAAACT 196 ACAACGAGGGATGTCCAGCGGCAT ATGCCGCTGGACATCCCTCGTTGT 197 TTCGCAGCACCCGCTAGGTACAGT ACTGTACCTAGCGGGTGCTGCGAA 198 TAACCCGATTTTTGCGACTCTGCC GGCAGAGTCGCAAAAATCGGGTTA 199 CGTCGCATTGCAAGCGTAGGCTTG CAAGCCTACGCTTGCAATGCGACG	190	TCCACTATAACTGCGGGTCCGTGT	ACACGGACCCGCAGTTATAGTGGA
193 TAAAATAAGCGCCTGGCGGGAGGA TCCTCCCGCCAGGCGCTTATTTTA 194 GCGCACTCGTGAAACCTTTCTCGC GCGAGAAAGGTTTCACGAGTGCGC 195 AGTTTGCCAGGTACTGGCAAGTGC GCACTTGCCAGTACCTGGCAAACT 196 ACAACGAGGGATGTCCAGCGGCAT ATGCCGCTGGACATCCCTCGTTGT 197 TTCGCAGCACCCGCTAGGTACAGT ACTGTACCTAGCGGGTGCTGCGAA 198 TAACCCGATTTTTGCGACTCTGCC GGCAGAGTCGCAAAAATCGGGTTA 199 CGTCGCATTGCAAGCGTAGGCTTG CAAGCCTACGCTTGCAATGCGACG	191	GCCCAGTCGGCTCTAACAAGTTCG	CGAACTTGTTAGAGCCGACTGGGC
194 GCGCACTCGTGAAACCTTTCTCGC GCGAGAAAGGTTTCACGAGTGCGC 195 AGTTTGCCAGGTACTGGCAAGTGC GCACTTGCCAGTACCTGGCAAACT 196 ACAACGAGGGATGTCCAGCGGCAT ATGCCGCTGGACATCCCTCGTTGT 197 TTCGCAGCACCCGCTAGGTACAGT ACTGTACCTAGCGGGTGCTGCGAA 198 TAACCCGATTTTTGCGACTCTGCC GGCAGAGTCGCAAAAATCGGGTTA 199 CGTCGCATTGCAAGCGTAGGCTTG CAAGCCTACGCTTGCAATGCGACG	192	CGGAACGGATAATCGGCGTCAGGT	ACCTGACGCCGATTATCCGTTCCG
195 AGTTTGCCAGGTACTGGCAAGTGC GCACTTGCCAGTACCTGGCAAACT 196 ACAACGAGGGATGTCCAGCGGCAT ATGCCGCTGGACATCCCTCGTTGT 197 TTCGCAGCACCCGCTAGGTACAGT ACTGTACCTAGCGGGTGCTGCGAA 198 TAACCCGATTTTTGCGACTCTGCC GGCAGAGTCGCAAAAATCGGGTTA 199 CGTCGCATTGCAAGCGTAGGCTTG CAAGCCTACGCTTGCAATGCGACG	193	TAAAATAAGCGCCTGGCGGGAGGA	TCCTCCCGCCAGGCGCTTATTTTA
196 ACAACGAGGATGTCCAGCGGCAT ATGCCGCTGGACATCCCTCGTTGT 197 TTCGCAGCACCCGCTAGGTACAGT ACTGTACCTAGCGGGTGCTGCGAA 198 TAACCCGATTTTTGCGACTCTGCC GGCAGAGTCGCAAAAATCGGGTTA 199 CGTCGCATTGCAAGCGTAGGCTTG CAAGCCTACGCTTGCAATGCGACG	194	GCGCACTCGTGAAACCTTTCTCGC	GCGAGAAAGGTTTCACGAGTGCGC
197 TTCGCAGCACCCGCTAGGTACAGT ACTGTACCTAGCGGGTGCTGCGAA 198 TAACCCGATTTTTGCGACTCTGCC GGCAGAGTCGCAAAAATCGGGTTA 199 CGTCGCATTGCAAGCGTAGGCTTG CAAGCCTACGCTTGCAATGCGACG	195	AGTTTGCCAGGTACTGGCAAGTGC	GCACTTGCCAGTACCTGGCAAACT
198 TAACCCGATTTTTGCGACTCTGCC GGCAGAGTCGCAAAAATCGGGTTA 199 CGTCGCATTGCAAGCGTAGGCTTG CAAGCCTACGCTTGCAATGCGACG	196	ACAACGAGGGATGTCCAGCGGCAT	ATGCCGCTGGACATCCCTCGTTGT
199 CGTCGCATTGCAAGCGTAGGCTTG CAAGCCTACGCTTGCAATGCGACG	197	TTCGCAGCACCCGCTAGGTACAGT	ACTGTACCTAGCGGGTGCTGCGAA
	198	TAACCCGATTTTTGCGACTCTGCC	GGCAGAGTCGCAAAAATCGGGTTA
200 GAGCTGACGTCACCATCAGAGGAA TTCCTCTGATGGTGACGTCAGCTC	199	CGTCGCATTGCAAGCGTAGGCTTG	CAAGCCTACGCTTGCAATGCGACG
	200	GAGCTGACGTCACCATCAGAGGAA	TTCCTCTGATGGTGACGTCAGCTC

201	GGAGGCTGGGGGTCGCGCTTAAGT	ACTTAAGCGCGACCCCAGCCTCC
202	TTGTGGGAACCGCACTAGCTGGCT	AGCCAGCTAGTGCGGTTCCCACAA
203	CCCTCGCACTGTGTTCACCCTCTT	AAGAGGGTGAACACAGTGCGAGGG
204	TCATTGACTCGAATCCGCACAACG	CGTTGTGCGGATTCGAGTCAATGA
205	ACAGGGGTTGGCCTTCGTACGTAC	GTACGTACGAAGGCCAACCCCTGT
206	AGGCCGTGCAACATCACACAGGAT	ATCCTGTGTGATGTTGCACGGCCT
207	GGGCCGTGGTCACGTAATATTGGC	GCCAATATTACGTGACCACGGCCC
208	GCGCGACATGAAACGACAAGGCC	GGCCTTGTCGTTTCATGTCCGCGC
209	CTTATTGGGTGCCGGTGTCGGATT	AATCCGACACCGGCACCCAATAAG
210	GGGGCGGTTACCAAAAAATCCGAT	ATCGGATTTTTTGGTAACCGCCCC
	4 CCGTCGCATACCGGCTACGATCAA	TTGATCGTAGCCGGTATGCGACGG
	5 ATGGCCGTGCTGGGGACAAGTCAA	TTGACTTGTCCCCAGCACGGCCAT
213	ACGAAAAAGTGTGCGGATCCCCT	AGGGGATCCGCACACTTTTTCGT
214	CCAAGTACACCGCACGCATGTTTA	TAAACATGCGTGCGGTGTACTTGG
215	ATCGTGCGTGGAGTGTCGCATCTA	TAGATGCGACACTCCACGCACGAT
216	TCCAGATACCGCCCCGAACTTTGA	TCAAAGTTCGGGGCGGTATCTGGA
217	TCTGCTGGCAGCACGTGAAGTGGC	GCCACTTCACGTGCTGCCAGCAGA
218	TTGAAATTGCTCTGCCGTCAGTCA	TGACTGACGGCAGAGCAATTTCAA
219	AGTCAGGCGAGATGTTCAGGCAGC	GCTGCCTGAACATCTCGCCTGACT
220	ACAAGCCGACGTTAAGCCCGCCCA	TGGGCGGCTTAACGTCGGCTTGT
221	CCCTAATGAGGCCAGTAACCTGCA	TGCAGGTTACTGGCCTCATTAGGG
222	GTGAGACACACATCCCCTCCAATG	CATTGGAGGGGATGTGTCTCAC
223	CGACGGATGCAGAGTTCAGTGGTC	GACCACTGAACTCTGCATCCGTCG
224	CCCGCATGCCTGGCGGTATTACAA	TTGTAATACCGCCAGGCATGCGGG
225	TTAGCAAAGCGGCGCCGTTAGCAA	TTGCTAACGGCGCCGCTTTGCTAA
226	CCCGACACGGGTCAGCGTAATAAT	ATTATTACGCTGACCCGTGTCGGG
227	GCGACGCCCTGAGGTATGTCGTC	GACGACATACCTCAGGGCCGTCGC
228	CAAAAGTGTGTTCCCTTGCGCTTG	CAAGCGCAAGGGAACACACTTTTG
229	TCTCGAAGCACAGCCCGGTTATTG	CAATAACCGGGCTGTGCTTCGAGA
230	ATGCTAACCGTTGGCCATGGAACT	AGTTCCATGGCCAACGGTTAGCAT
231	CTTGCGGAGTGTTAGCCCAGCGGT	ACCGCTGGGCTAACACTCCGCAAG
232	TGCTCCCTAGGCGCTCGGAGGAGT	ACTCCTCCGAGCGCCTAGGGAGCA
233	CCAATGCCTTTGAGTAAGCGATGG	CCATCGCTTACTCAAAGGCATTGG
234	AGCAGATAACGTCCCAATGACGCC	GGCGTCATTGGGACGTTATCTGCT
235	TTGACCATTACGTGTTGCGCCCAT	ATGGGCGCAACACGTAATGGTCAA
236	TCGCGTATTTGCGGAATTCGTCTG	CAGACGAATTCCGCAAATACGCGA
237	CTGCGTGTCAACAATGTCCCGCAG	CTGCGGGACATTGTTGACACGCAG
238	TCTGGTGCCACGCAAGGTCCACAG	CTGTGGACCTTGCGTGGCACCAGA

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239	CTCCGGGAGGTCACTTAATTGCGG	CCGCAATTAAGTGACCTCCCGGAG
240	TTTTCGTGATTGCCCGGAGGAGGC	GCCTCCTCCGGGCAATCACGAAAA
241	TCGGGATGTAGCTGGGGCTACCGG	CCGGTAGCCCCAGCTACATCCCGA
242	CGAGCCAACGCAAACACGTCCTTG	CAAGGACGTGTTTGCGTTGGCTCG
243	GCAAAGCCTTTGTGGGGCGGTAGT	ACTACCGCCCCACAAAGGCTTTGC
244	ATTCGACCGGAAATGAGGTCTTCG	CGAAGACCTCATTTCCGGTCGAAT
245	TTCGCTTGCTGAGTTGCTCTGTTC	GAACAGAGCAACTCAGCAAGCGAA
246	CGCGTGAAGACCCCATTCCCGAGT	ACTCGGGAATGGGGTCTTCACGCG
247	AACCGTATTCGCGGTCACTTGTGG	CCACAAGTGACCGCGAATACGGTT
248	GGGGCCAACCGTTTCGAGGCGTAT	ATACGCCTCGAAACGGTTGGCCCC
249	TTCGGCTGGCAGTCCAAACGGCTT	AAGCCGTTTGGACTGCCAGCCGAA
250	GGGTGTGGTTAGAATGCACGGTTC	GAACCGTGCATTCTAACCACACCC
251	GCGAGGACCGAACTAGACAAACGG	CCGTTTGTCTAGTTCGGTCCTCGC
252	ACGCACGCGTGACCGAAGTTGCTG	CAGCAACTTCGGTCACGCGTGCGT
253	TAAAAGGTCGCTTTGAAAGGGGGA	TCCCCCTTTCAAAGCGACCTTTTA
254	TGCGATCGCTAACTGCTGGGACAA	TTGTCCCAGCAGTTAGCGATCGCA
255	GGAGGTATAAGCGGAGCGGCCTCA	TGAGGCCGCTCCGCTTATACCTCC
256	ATGCTGACATGTCGTGCACCTCGT	ACGAGGTGCACGACATGTCAGCAT
257	TGTGGTTAAAGCGTCCGTTCAACG	CGTTGAACGGACGCTTTAACCACA
258	CGTTCACACCGGCGTAAGCTGCGT	ACGCAGCTTACGCCGGTGTGAACG
259	CCTATCCCGGCGAGAACTTCTGTG	CACAGAAGTTCTCGCCGGGATAGG
260	GTCTGCACTCACGCAGCGGAGGGA	TCCCTCCGCTGCGTGAGTGCAGAC
261	GCACGAGTTGGTGCTCGGCAGATT	AATCTGCCGAGCACCAACTCGTGC
262	AACGTCGCACGACACGTTCGTC	GACGAACGTGTGTCGTGCGACGTT
263	ATGCGCGCTTATCCTAGCATGGTC	GACCATGCTAGGATAAGCGCGCAT
264	TCACGTTTTCGTCTCGACATGAGG	CCTCATGTCGAGACGAAAACGTGA
265	TGTGCCTCATCCTTAGGATACGGC	GCCGTATCCTAAGGATGAGGCACA
266	AGGTGGTGTGGGTCAACCGCTTTA	TAAAGCGGTTGACCCACACCACCT
267	CTGGATCGAAGGGACTGCAAGCTC	GAGCTTGCAGTCCCTTCGATCCAG
268	TAGATCAACTCGCGTACGCATGGA	TCCATGCGTACGCGAGTTGATCTA
269	GATCCTGCGGAGAGAGAGAGTGCAG	CTGCACTCTCTCTCCGCAGGATC
270	TACGTGTGGAGATGCCCCGAACCG	CGGTTCGGGGCATCTCCACACGTA
271	GCGCTATGTCAATCGTGGGCGTAG	CTACGCCCACGATTGACATAGCGC
272	AGCGAGGTTTCTAGCGTCGACACC	GGTGTCGACGCTAGAAACCTCGCT
274	ACCCAGGTTTTGCCGTTGTGGAAT	ATTCCACAACGGCAAAACCTGGGT
275	CCCTGTTAACGGCTGCGTAGTCTC	GAGACTACGCAGCCGTTAACAGGG
276	AGGCCGATTTCACCCGCCAATTGC	GCAATTGGCGGGTGAAATCGGCCT
277	GAGCCCTCACTCCTTGCCCTTTGA	TCAAAGGGCAAGGAGTGAGGGCTC

278 GGGTGGACATCCGCCTCGCAGTCA 279 GATGGCTGAGAACCGTGCTACGAT 280 TCGACGTTAGGAACCGTGCTACGAT 280 TCGACGTTAGGAGTGCTACGAT 281 CGAATGGGTGCCAGAA 311 CGAATGGGTCTGGACCTTGCATAG 282 GTGCACCAGACCTTCGAACTCGA 283 AGAGGCCCCGTATATCCCATCCAT 284 AACGCCTGTTCAGACTCCAT 285 AAGGCCCCGTATATCCCATCCAT 286 AACGCCTGTTCAGACACTCGC 287 AAGGCTCAACACCCCTTAGACTCGC 288 AGAGGCCCCGTATATCCCATCCAT 286 AGTCCGTGTTCAGACCTCAGCG 287 ATGTCCCATCATAGACTTGGCC 288 AGTCCGTGTTCAGACCTCAGCG 288 ATGCCTTTCAGACCACCCCATAGTCGCC 287 ATGTCCCATCATAGACCCCTATGTGCC 288 AGTCCGTGTTGCAGACTTGGCCC 288 ATGCCGTTTCAGACCCCAAAGG 289 CGGCCTCCAACAGGCCTATGCCC 289 CGGCCTCCAACAGGACCACACCCCCAAAGG 290 CAGAGCCGTGGCACACAAGGACCCCACCCCCACAAGGACCTCAT 291 TCATTTGAATGAGGACCCCCAAAGG 292 GACGTACCGGAACACTACC 293 ATGCCACCACAAGGACCCCCCCCACACCCCCCACCACCCCCC			
TCGACGTTAGGAGTGCTGCCAGAA TTCTGGCAGCACTCCTAACGTCGA 281 CGAATGGGTCTGGACCTTGCATAG 282 GTGCACCAGACATTCGAACTCGGA 283 AGAGGCCCCGTATATCCCATCCAT 284 AACGCCTGTTCAAGACCTCAT 285 AAGGCTCAACACGCCATCCAT 286 AACGCCTGTTCAAGACCTCACCAT 287 AACGCCTGTTCAAGACCTCACCAT 288 AACGCCTGTTCAAGACCACCGCG 288 AACGCCTGTTGCACCCCACCACCATCCAT 288 AAGGCTCAACACGCCTATGTGCC 280 AACTCCATGTAAAGACGCCTATGTGCC 281 AAGGCTCAACACGCCTATGTGCGC 282 AAGGCTCAACACGCCTATGTGCGC 283 AAGGCTCAACACGCCTATGTGCGC 284 AACCCTGTTTGCAACACGCGTTGC 285 AAGTCCCATGTAAAGACGCGTTGC 286 ATGCCCATGTAAAGACGCCTATGTGCGC 287 ATGTCCCATGTAAAGACGCCTACC 288 ATGGAGTCTGCTCACGCCCAAAGG 289 CGGCCTCCAACAAGGAGCACTAAC 289 CGGCCTCCAACAAGGAGCACTAAC 290 CAGAACCGTGGGCACCATGCACCGCCCAATGTTGCCACCGGCTCTG 291 TCATTTGAATGAGGTGCGCACCCGG 292 GACGTACCGGAACGTCCACCGC 293 ATGCGAGCAATGGGATCCGGATTC 294 AGAGTGAGGCCACTGAC 295 CGCACCGTAAGTAGATTTGCCCGC 296 CGCACCGTAAGTAAAATTTTATACGGCGCTTCCGGTACGTC 297 TGAACCTTTGAGCACGTCCGGCC 297 TGAACCTTTGAGCACCTCCTGACCAGTG 298 TCCGCCTTTTTGTAACACACTC 299 GAACGCCAACGGCACTACCACTC 300 CCGACAGCAGCACAACACCTC 301 CCGACAGCACAACACGTCCACCC 302 CATAAAAAAACCTGGGGCTCCCAC 303 TGCCAACTGTGCACACCTC 304 GGCGAAAGACGCCAACACACCTC 305 GGGATCCGAACACACACCTC 306 TGGGACCCAACGGCACTAACACACTC 307 CCCGATATTTCACCCACACCCACCCACCCACCTTTTCTTCGCCACCACTTTCACACCACTC 308 GGCGAAAGACGCCAACACACCTC 309 GACCCCCACGGCCACTAACCACCTC 300 CCGACAGCACCCACGACCACCACCACCACCACCACCACCA	278	GGGTGGACATCCGCCTCGCAGTCA	TGACTGCGAGGCGGATGTCCACCC
281 CGAATGGGTCTGGACCTTGCATAG 282 GTGCACCAGACATTCGAACTCGGA 283 AGAGGCCCCGTATATCCCATCCAT 284 AACGCCTGTTCAGAAGCATCAGCGG CCGCTGATGCTCTGAACAGGGGCTCT 285 AAGGCTCAACACGCCTATGTGCGG CCGCTGATGCTCTGAACAGGCGTT 286 AGTCCGTGTTGCCAGATTGGCTG CGAGCCACATAGGCGTGTTGAGCACT 287 ATGTCCCATGTAGCCG CCGCCACATAGGCGTTTTACACAGGCGTT 288 AGTCCGTGTTGCCAGATTGGCTG CGAGCCAATCTGGCAACACGGACT 287 ATGTCCCATGTAAAGACGCGTGTG CACACGCGTTTTACATGGGACAT 288 ATGGAGTCTGCTCACGCCCAAAGG CCTTTGGGCACACACGGACT 289 CGGCCTCCAACAAGGAGCACTAAC GTTAGTGCTCCATTGAGCACT 290 CAGAGCCGTGGCAACATTGCGAGC CCGGTGCCACATGTGAGCACCT 291 TCATTTGAATGAAGGTCGCACCAG CCGGTGCCACATGTTGCAGCGC 292 GACGTACCGGAACGATTGCGAGC CCGGTGCCACATGTTCAAATGA 293 ATGCGAGCAATGGGATCCGGATTC GAATCCGGATCCCATTCAAATGA 294 AGAGTGAGGCCTCCCTGACCAGTG CACTGGTCAGGAGCCCCATTCCACTC 295 CGCACCGTAAGTAGATTTGCCCGC GCGGCACCTCATTCACATGA 296 AGACCTTTGAGCACGTG CACTGGTCAGGAGGCCTCACTCT 297 TGAACCTTTGAGCACGTGTGCCC GCGGGCACACTCATCACCTC 298 TCCGCCTTTTTGTTTACCTCGAGC CTGGGCAACCGTCCACTCT 299 GAACCCTTAGCACAGT CACTGGTCAGGAGGCCTCACTCT 300 CCGACAGGAGCACCTCACACAC CTGGGCACGTGTTCAAAATGACCAAAAAGGCGGA 299 GAACGCCAACGGCACTAACACATC GATGTGTTAGTGCCGTTGCGCT 300 CCGACAGCAGCCAACACACACC CTGGGCACGTTTTTTTTATG 301 TGCCAACTGTGCAGACACACACC CTGGGACGTCTTTGGCTTGCCG 302 CATAAAAAAACCTGGGGCTCCAG CTGGGACGTCTTTGGCTTGCCGC 303 CATAAAAAAACCTGGGGCTCCAG CTGGGACCCCAAGGTTTTTTTTATG 304 GGCGAAAGAGCGCAACACACAC CTGGGACCCCAAGGTTTTTTTTATG 305 GGAATGCAACACACACCAC CGGTTTTCGCCCAGAGCCCCAAGATTTTTTTTATG 306 TGGCATTCAGCAACACACAC CGGTTTTCGCCCAGAACCACGCCCAAGATTTTTTTTATGCCAACACACCACTACCACACGCCCAAGACGCCCCAAGATTTTTTTT	279	GATGGCTGAGAACCGTGCTACGAT	ATCGTAGCACGGTTCTCAGCCATC
282 GTGCACCAGACATTCGAACTCGGA 283 AGAGGCCCCGTATATCCCATCCAT 284 AACGCCTGTTCAGAGCATCAGCGG CCGCTGATGCTCTGAACAGGCGTT 285 AAGGCTCAACACGCCTATGTGCGC GCGCACATTGGCGTGTTGAGCCTT 286 AGTCCGTTTTGCAGAGCATCAGCGG CCGCACATTGGCGTGTTGAGCCTT 287 ATGTCCCATTGTAACACGCGTGTTGCAGCCTT 288 ATGCCATGTAACACGCGTGTTGCACACACGGACT 287 ATGTCCCATGTAACACGCGTGTTGCACACACGGACT 288 ATGGAGTCTGCCACACAGGCCCCAAAGG 289 CGGCCTCCAACAAGGAGCACTAAC 289 CGGCCTCCAACAAGGAGCACTAAC 289 CGGCCTCCAACAAGGAGCACTAAC 290 CAGAGCCGTGGCAACATTGCGAGC 291 TCATTTGAATGAGGTGCGACCCGG 291 TCATTTGAATGAGGTGCGCCCCAAAGG 292 GACGTACCGGAACGCCCAACGG 293 ATGCAGCAATGGGATCCGGTTTAAAA 292 GACGTACCGGAAGCGCCGTATAAA 293 ATGCAGCAATGGGATCCCGGTTCCGGTACGAC 294 AGAGTGAGGCCTCCCTGACCAGTG 295 CGCACCGTAAGAAAAAAAACCCTGCGAAATTTACAGTGCGC 296 CGCACCGTAAGAAAAAAAAAAAAAAAAAAAAAAAAAAAA	280	TCGACGTTAGGAGTGCTGCCAGAA	TTCTGGCAGCACTCCTAACGTCGA
283 AGAGGCCCCGTATATCCCATCCAT 284 AACGCCTGTTCAGAGGCATCAGCGG CCGCTGATGCTCTGAACAGGCGTT 285 AAGGCTCAACACGCCTATGTGCGC GCGCACATAGGCGTGTTGAGCACT 286 AGTCCGTGTTGCCAGATTGGCTC GCGAGCCAATCTGGCAACACGGACT 287 ATGTCCCATGTAAAAGACGCGTGTT CACACGCGTCTTTACATGGGACAT 288 ATGCGATGTAAAAGACGCGTGTT CACACGCGCTCTTTACATGGGACAT 289 CGGCCTCCAACAAGGAGCCTAAC GTTTGGGCGTGAGCAGACTCCAT 289 CGGCCTCCAACAAGGAGCACTAAC GTTAGTGCTCCTTTGTTGGAGCCCG 290 CAGAGCCGTGGCAACATTGCGAGC GCTCGCAAATGTTGCCACGGCTCTG 291 TCATTTGAATGAGGTGCGCCCCGG CCGGTGCCACCTCATTCAAATGA 292 GACGTACCGGAAGCGCCGTATAAA TTTATACGGCGCTTCCGGTACGTC 293 ATGCGAGCAATGGGATCCGGATTC GAATCCGGATCCCATTCACAATGA 294 AGAGTGAGGCCCTCCTGACCAGTG CACTGGTCAGGGAGGCCTCACTCT 295 CGCACCGTAAGAAGTTTGCCCGC CCGGGCAAATCTACTTTACGGTGCG 297 TGAACCTTTGAGCACGTG CACTGGTCAGGGAGGCCTCAACGGTCC 298 TCCGCCTTTTTGGTTACCTCGAAG CTTCGAGGTAACCATAAACCTTTTGGGTGCGG 299 GAACGCCAACGGCACTAACACATC GCGAGCACGTGCTCAAAGGGTTC 300 CCGACAGCAGCGCACTAACACATC GATGGTTAGTGCCGTTC 301 CCGACAGCAGCGCACTAACACATC GATGGTTAGTGCCGTTCGG 302 CATAAAAAAACCTGGGGCTCTGCG CGCGAGAGCCCCAGGTTTTTTTATG 303 TGCCAACTGTGCAGACCGGACTTA 304 GGCGAAAGAGCCCCAGGACTTA 305 GGGATGCGTATTTTAGCGAACCG CGGGAGCCCCAGGTTTTTTTTATG 306 TGGGATTCAGCGAACCGACCGCCTCGT 307 CCCGATATTTAGCGAACCG CGGGACGCCCCAGGTTTTTTTTATG 308 TGCCAACTGTGCAGACCGGACTTA 309 ACCTTCAGCGAACCAACCG CGGGTCTGCGCTTCCCC 306 TGGGATTCAGCGAACCAACCG CGGTTCCGCTAAAATACCCATCCC 307 CCCGATATTCAGCGAACCAACCG CGTGTTCGCTCTTCTCCC 308 TGGGATTCAGCGAACCAACCG CGTGTTCGCTCAAAATACCCATCCC 309 TGGGATTCAGCGAACCAACCAACCAACCAACCAACCAACC	281	CGAATGGGTCTGGACCTTGCATAG	CTATGCAAGGTCCAGACCCATTCG
284 AACGCCTGTTCAGAGCATCAGCGG CCGCTGATGCTCTGAACAGGCGTT 285 AAGGCTCAACACGCCTATGTGCCC GCGCACATAGGCGTGTTGAGCCTT 286 AGTCCGTGTTGCCAGATTGGCTCG CGAGCCAATCTGGCAACACGGACT 287 ATGTCCCATGTAAAGACGCGTGTG CACACGCGTCTTTACATGGGACAT 288 ATGGAGTCTGCTCACGCCCAAAGG CCTTTGGGCGTGAGCAGACTCAT 289 CGGCCTCCAACAAGGAGCACTAAC GTTAGTGCTCCTTTTTGGAGGCCG 290 CAGAGCCGTGGCAACATGCCGAC 291 TCATTTGAATGAGGTGCGCCCACAGG CCCGCATGTTCCACTGCCACCGCCTTG 292 GACGTACCGGACCGCCCACAGG CCCGCATTCAAATGA 293 ATGCGAGCACTGCGACCG CCGGTGCGCACCTCATTCAAATGA 294 AGAGTGAGGCCCCGTATAAA TTTATACGGCGCTTCCGGTACGTC 295 CGCACCGTAGAGAGCCCCTGACCAGT CACTGGTCAGGAGCCCTCATTCACATGA 296 CGCACCGTAAGAATTGCCCGC GCGGGCACCTCATTCACATGA 297 TGAACCTTTGAGCACGTCCCCG GCGGGCACACTCACTCT 298 TCCGCCTTTTTGAGCACGTCCTGCGC GCGGCACACTCACACACTC 299 GAACGCCAACGGCCCTGACCAGT CACTGGTCAGGGAGGCCTCACTCT 300 CCGACAGCAGCACAACAACACC GCGGGCACACACAAAAAGGCGGA 299 GAACGCCAACGGCACTAACACACT GATGTTTTTATGCGGTGCT 300 CCGACAGCACACAGACCTCCCAG CTGCGACGCTTTGCCTGTCGGC 301 TGCCAACTGTGCAGC CTGCGC CCGCAGAGCCCCAGGTTTTTTTATG 302 CATAAAAAAACCTGGGGCTCTGCG CGCAGAGCCCCAGGTTTTTTTATG 303 TGCCAACTGTGCAGACCGGACTCCCAG CTGCGACGCTTTGCCACAGTTTGCCC 305 GGGATCCGTATTTTAGCGAACACC CGTGTTCGCCACAGTTTGCCC 306 TGGGATTCAGCGAACACGCCTCGT ACGAGCCCCAGGTTTTTTTATG 307 CCCGATATTTTAGCGAACACG CTGTTCGCTTTCGCTCTTTCGCC 306 TGGGATTCAGCGAACACGCCTCGTA TAGACGCCCGTTTCGCCTCTTTCCGC 307 CCCGAAAGAGCCCAGCACAACACACA TTGGTTCGCTCTTTCCGC 308 TGGGATTCAGCGAACACACAA TTGGTTCGCTCTTTCCGC 309 AACCTTCACCCGGCCCATTTCG CGAATAGGCCGGCGAATATCCCA 307 CCCGATATTTGCCCGCACCAACAA 307 CCCGATATTTCGCCCGCCCAACAACACA 307 CCCGATATTTCGCCCGCCCAACAA 307 CCCCGATATTTCGCCCGCCAACAA 307 CCCGATATTTCGCCGGCCCATTTCC 308 TGGCAACGGCCCAGGCCCAGCACAA 309 AACCTTGACCCGTTCAACACACAA 316 TTGCAACGGCCGTTCAACACACAA 317 CCCCGATATTTCGCCAACACAA 318 CCCTCCATGTTCTTCGAACGCCAACAA 319 ACCTTGACCACGCCCTTTCCCAACACAA 311 TTGATGGGCGCAAATCCCCC 311 CACCACACGCCCTTTCCCAACACAA 312 GCTTCCGGATGAACGCCCATTCCCCAACAA 313 CCCTCCATGTTCTTCGAACGGCTTT 314 TTGATGGAGAGCCCAAATTCCCC 315 AACCATCCCGTTCACAATTCCCC 316 TTGCAACAGCCCAACTTCCCCAACAATTCCCC 317 AACCACATCCCGTTCACA	282	GTGCACCAGACATTCGAACTCGGA	TCCGAGTTCGAATGTCTGGTGCAC
285 AAGGCTCAACAGGCCTATGTGCGC GCGCACATAGGCGTGTTGAGCCTT 286 AGTCCGTGTTGCCAGATTGGCTCC CGAGCCAATCTGGCAACACGGACT 287 ATGTCCCATGTAAAGACGCGTGTG CACACGCGTCTTTACATGGGACAT 288 ATGGAGTCTGCTCACGCCCAAAGG CCTTTGGGCGTGAGCAGACTCCAT 289 CGGCCTCCAACAAGGAGCACTAAC GTTAGTGCTCCTTGTTGGAGGCCG 290 CAGAGCCGTGGCAACATTGCGAGC GCTCGCAATGTTGCCACGGCTCTG 291 TCATTTGAATGAGGTGCGCACCGG CCGGTGCGCACCTCATTCAAATGA 292 GACGTACCGGAAGCGCCGTATAAA TTTATACGGCGCTTCCGGTACGTC 293 ATGCAGCAATGGGATCCCGATTC 294 AGAGTGAGGCCTCCTGACCAGTG CACTGGTCAGGAGCCCCATTCCACTCT 295 CGCACCGTAACAATGAGTTTGCCCGC GCGGCAAATCTACTTACAGTGCG 297 TGAACCTTTGAGCACGTCGTGCC 298 TCCGCCTTTTTGGTTACCTCGAAG CTTCGAGGAACCTCAAAAAAGGCGGA 299 GAACGCCAACGGCACTAACAACACTC GATGTTAAGCAAAAAAGGCGGA 299 GAACGCCAACGGCACTAACAACACTC GATGTTTAGTGCCGTTCGCGTTC 300 CCGACAGCAGCCAAGACGTCCCAG CTGGGACGTCTTGGCTGTCGG 302 CATAAAAAAACCTGGGGCTCTGCG CGCACAGACCCCAGGTTTTTTTATG 303 TGCCAACTGTGCAGACCGGACTTA TAAGTCCGGTTCGCCAGTTTTTTTTATG 304 GGCGAAAGAGCGAACCGGCTCTTC 305 GGGATTCAGCAGACCGGACTTA TAAGTCCGGTTCGCCCAGTTTTTTTTATG 306 TGCCAACTGTGCAGACCGGACTTA TAAGTCCGGTTCGCCTCTTTCGCC 307 CCCGATATTTTACCGAACCGGACTTA TAAGTCCGGTTTCGCTCTTTTCGCC 308 GGGATCCGTATTTTTACCGAACACG CGTGTTCGCTAAAATACCCATCCC 309 AACCTCCGGCCTATTTCGCCGAACCAA TTGGTTTCGCTCAAAATACGCATCCC 306 TGGGATTCAGCGAACCAACAACACG TTGGTGCGCAAATACCCCAACCAATTCCCAACTTTCGCCCGGCCTATTCGCCAACAACAACGACCAACCA	283	AGAGGCCCGTATATCCCATCCAT	ATGGATGGGATATACGGGGCCTCT
286 AGTCCGTGTTGCCAGATTGGCTCG CGAGCCAATCTGGCAACACGGACT 287 ATGTCCCATGTAAAGACGCGTGTG CACACGCGTCTTTACATGGGACAT 288 ATGGAGTCTGCTCACGCCCAAAGG CCTTTGGGCGTGAGCAGACTCCAT 289 CGGCCTCCAACAAGGAGCACTAAC GTTAGTGCTCCTTGTTGGAGGCCG 290 CAGAGCCGTGGCAACATTGCGAGC GCTCGCAATGTTGCCACGGCTCTG 291 TCATTTGAATGAGGTGCGCACCGG CCGGTGCGCACCTCATTCAAATGA 292 GACGTACCGGAAGCGCCGTATAAA TTTATACGGCGCTTCGGTACGTC 293 ATGCGAGACAATGGGATCCGGATTC 294 AGAGTGAGGCCCCTGACCAGT CACAGTC 295 CGCACCGTAACAATGACTCCACCCG 297 TGAACCTTTGGACCAGT CACAGTC 298 TCCGCCTTATGCTCCCGC 299 TGAACCTTTGGTTACCTCGAAC 299 GAACGCCAACGACTCGTGCCC 300 CCGACAGCAACACACCCCACCACCACCACCACCTCTC 300 CCGACAGCCAACACACCCCACCACCACCACCCCTTTACCGTCGCG 302 CATAAAAAAACCTGGGGCTCCCAG 303 TGCCAACTGTGCAGACCCGACCTCACCAGT 304 GGCGAAAGAGCGACCAACACCCCACCACCCCACCACCTTTTTTACGTTCGCC 305 GGGATGCGTATTTTACCCCACCACCCCCCCCCCCCCCCC	284	AACGCCTGTTCAGAGCATCAGCGG	CCGCTGATGCTCTGAACAGGCGTT
287 ATGTCCCATGTAAAGACGCGTGTG CACACGCGTCTTTACATGGGACAT 288 ATGGAGTCTGCTCACGCCCAAAGG CCTTTGGGCGTGAGCAGACTCCAT 289 CGGCCTCCAACAAGGAGCACTAAC GTTAGTGCTCCTTGTTGGAGGCCG 290 CAGAGCCGTGGCAACATTGCGAGC GCTCGCAATGTTGCCACGGCTCTG 291 TCATTTGAATGAGGTGCGCACCGG CCGGTGCGCACCTCATTCAAATGA 292 GACGTACCGGAAGCGCCGTATAAA TTTATACGGCGCTTCGGTACGTC 293 ATGCGAGCAATGGGATCCGGATTC GAATCCGGATCCCATTGCTCGCAT 294 AGAGTGAGGCCTCCCTGACCAGTG CACTGGTCAGGGAGGCCTCACTCT 295 CGCACCGTAAGATAGATTTGCCCGC GCGGCAAATCTACTTACGGTGCG 297 TGAACCTTTGAGCACGTCGCG GCGCACGACGTGCTCAAAGGTTCA 298 TCCGCCTTTTTGGTTACCTCGAAG CTTCGAGGGAAACCAAAAAGGCGGA 299 GAACGCCAACGGCACTAACACATC GATGTTTAGTGCCGTTCCG 300 CCGACAGCAGACGCCAAGACGTCCCAG CTGGGACGTCTTGCTGCGTTC 301 CCGACAGCAGACGACCTACCACT CACTGTTAGTGCCGTTCCGG 302 CATAAAAAACCTGGGGGTCTCCG CGCAGAGCCCCAGGTTTTTTATG 303 TGCCAACTGTGCAGACCGGACTTA TAAGTCCGGTTCGCCCTTTCGCC 304 GGCGAAAGACCGCAAACCGGCTCTA TAAGTCCGGTTCGCCCCCAACGACGACCCCAACACGCCAAAAACCGGCTCGT ACGAGCCGGTTCGCCCCCCAGGTTTTTTTAGCCCCCCCCAGGATTTTTTAGCCCCCCCC	285	AAGGCTCAACACGCCTATGTGCGC	GCGCACATAGGCGTGTTGAGCCTT
288 ATGGAGTCTGCTCACGCCCAAAGG 289 CGGCCTCCAACAAGGAGCACTAAC 289 CGGCCTCCAACAAGGAGCACTAAC 280 CAGAGCCGTGGCAACATTGCGAGC 290 CAGAGCCGTGGCAACATTGCGAGC 291 TCATTTGAATGAGGTGCGCACCGG 291 TCATTTGAATGAGGTGCGCACCGG 292 GACGTACCGGAAGCGCCGTATAAA 292 GACGTACCGGAAGCGCCGTATAAA 293 ATGCGAGCAATGGGATCCGGATTC 294 AGAGTGAGGCCTCCCTGACCAGTG 295 CGCACCGTAAGTAGATTTGCCCGC 296 CGCACCGTAAGTAGATTTGCCCGC 297 TGAACCTTTGAGCACGTTC 298 TCCGCCTTTTTGGTTACCTCGAAG 299 GAACGCCAACGGCACTACCAAGT 299 GAACGCCAACGGCACTACCAGTG 300 CCGACAGCAGCCAAGACCTCCCAG 301 CCGACAGCCAAGACCTCCCAG 302 CATAAAAAAACCTGGGGCTCTCCGG 303 CCATAAAAAAACCTGGGGCTCTCGG 304 GGCGAAAGAGCACCCCAGACTTTTTTTTTTTTTTTTTTT	286	AGTCCGTGTTGCCAGATTGGCTCG	CGAGCCAATCTGGCAACACGGACT
289 CGGCCTCCAACAGGAGCACTAAC GTTAGTGCTCCTTGTTGGAGGCCG 290 CAGAGCCGTGGCAACATTGCGAGC GCTCGCAATGTTGCCACGGCTCTG 291 TCATTTGAATGAGGTGCGCACCGG CCGGTGCGCACCTCATTCAAATGA 292 GACGTACCGGAAGCGCCGTATAAA TTTATACGGCGCTTCCGGTACGTC 293 ATGCGAGCAATGGGATCCGGATTC GAATCCGGATCCCATTGCTCGCAT 294 AGAGTGAGGCCTCCCTGACCAGTG CACTGGTCAGGGAGGCCTCACTCT 295 CGCACCGTAAGTAGATTTGCCCGC GCGGGCAAATCTACTTACGGTGCG 297 TGAACCTTTGAGCACGTGTGCGC GCGCACGACGTGCTCAAAGGTTCA 298 TCCGCCTTITTTGGTTACCTCGAAG CTTCGAGGTAACCAAAAAGGCGGA 299 GAACGCCAACGGCACTAACACACTC GATGTGTTAGTGCCGTTTGCTGCGT 300 CCGACAGCAGCCAAGACGTCCCAG CTGGGACGTCTTGGCTGTCGG 302 CATAAAAAAACCTGGGGCTCTGCG CGCAGAGCCCCAGGTTTTTTTATG 303 TGCCAACTGTGCAGACCGGACTTA TAAGTCCGGTCTGCACAGTTTGCA 304 GGCGAAAGAGCGAAACCGGCTCGT ACGAGCCCCAGGTTTTTTTATG 305 GGGATGCGTATTTTAGCGAACACG CGTGTTCGCTCTTTCGCC 306 TGGGATTCAGCGAACCGGCTCGT ACGAGCCCGGTTTCGCTCTTTCGCC 307 CCCGATATTCGCCGGCCCTATTCC CGAATAGCCCGTTGCCTAAAATACGCATCCC 308 CGAGAAGATGCCTCACGCAACCAA TTGGTTGGCTGAATCCCA 307 CCCGATATTCGCCGGCCCTATTCC CGAATAGGCCGGGCGAATATCCGA 308 CGAGAAGATGCCTCACGCAACCAA TTGGTTGCGTGAAGCCCCAAGGTT 6 TTGCAACGGGCTGGTCAACGCCAA TTGGTTGCTGAAGATCCCA 309 AACCTTGACCCGTGGATGACGCTA TAGCGTACCAGCGGGTCAAGGTT 6 TTGCAACGGGCTGGTCAACGTCAA TTGACGTTGACCAGCCCGTTGCAA 7 CGCATAGGTTGCCGATTTCGTCAA TTGACGTACCAGCCCGTTGCAA 312 GCTTCCGGATGACGGGATTTCGTCAA 313 CCCTCCATGTTCTCGAACGGGTTT AAACCGTTCACCGGAACCAA 314 TTGATGGGCGGCAATGCTCTTTCCC GGGGAATTTGGCGCCCCATCAA 315 ATTGTGAGATGCCCAAATTCCCC GGGGAATTTTGGCGCCCCATCAA 316 TCAGCACAGCCAGAACCAA TTGACGTTGACCAGCCCCATCAA 317 CAGCACAGCCAGAATGCCCCCAGATTCCCC GGGGAATTTTGCCCCCCCCATCAA 316 TCAGCACAGCCAGAATGCCCCCCGGTTCACACTT	287	ATGTCCCATGTAAAGACGCGTGTG	CACACGCGTCTTTACATGGGACAT
290 CAGAGCCGTGGCAACATTGCGAGC GCTCGCAATGTTGCCACGGCTCTG 291 TCATTTGAATGAGGTGCGCACCGG CCGGTGCGCACCTCATTCAAATGA 292 GACGTACCGGAAGCGCCGTATAAA TTTATACGGCGCTTCCGGTACGTC 293 ATGCGAGCAATGGGATCCGGATTC GAATCCGGATCCCATTGCTCGCAT 294 AGAGTGAGGCCTCCCTGACCAGTG CACTGGTCAGGGAGGCCTCACTCT 295 CGCACCGTAAGTAGATTTGCCCGC GCGGGCAAATCTACTTACGGTGCG 297 TGAACCTTTGAGCACGTGGCC GCGCACGACGTGCTCAAAGGTTCA 298 TCCGCCTTTTTGGTTACCTCGAAG CTTCGAGGTAACCAAAAAAGGCGGA 299 GAACGCCAACGGCACTAACACACTC GATGTGTTAGTGCCGTTGCGG 300 CCGACAGCAGCCAAGACGTCCCAG CTGGGACCGTCTTGGCTGTCGG 302 CATAAAAAAACCTGGGGCTCTGCG CGCAGAGCCCCAGGTTTTTTTATG 303 TGCCAACTGTGCAGACCGGACTTA TAAGTCCGGTCTGCACAGTTGGCA 304 GGCGAAAGACGGAACCGGCTCGT ACGAGCCCCAGGTTTTTTTATG 305 GGGATGCGTATTTTAGCGAACACG CGTGTTCGCTCTTCGCC 306 TGGGATTCAGCGAACCCGACTCAT TCGCGTTCGCTAAAATACGCATCCC 307 CCCGATATTCGCCCGGCCTATTCG CGAATAGGCCGGGCGAATTCCCA 307 CCCGATATTCGCCCGGCCTATTCG CGAATAGGCCGGGCGAATATCCGG 308 CGAGAAGATGCCTCACGCAACCAA TTGGTTGCGTGAGGCAATCCCA 307 CCCGATATTCGCCCGGCCTATTCG CGAATAGGCCGGGCGAATCCCA 308 CGAGAAGATGCCTCACGCAACCAA TTGGTTGCGTGAGGCAATCCCA 309 AACCTTGACCCGTGGATGACGCAA TTGGTTGCGTGAAGCACCGGTTTCTCG 309 ACCTTCACGCAACCAA TTGGTTGCGTGAAGCTTCTCCG 301 ACCTTCACGGGTTCAACGTCAA TTGACGTTGACCAGCCCGTTGCAA 302 CATAAGGCCGGGCTGGTCAACGTCAA TTGACGTTGACCAGCCCGTTGCAA 303 CCCCCATGGTTCACAGGGTTT AACCCTCCGTTCATCCGGAACC 304 TTGACGGTTGCCGAACCTAA TTGACGTTCACCAGCCCGTTTCCG 305 TGGATTCGCCGGCCTATTCG CGAATAGGCCGGGCAACCTATCCGG 306 TGGATTCGCCGGGCTATTCG CGAATCCCCGTTCACAGGTT 307 CCCGATAGGTTGCCGACCCAA TTGCTGCGAACCTATCCCG 308 CGAGAAGATGCCTCACGCAACCAA TTGCTGCGAACCTATCCCG 309 AACCTTGACCCGTGGATGACGCTA TAGCGTCACAGCCCCGTTGCAA 310 CCCCCATGTTCTTCCGAACGGTTT AACCCGTCCAGGCAACCTATGCG 311 TGCAACGGGCAACCTATTCGCC GGGGAATTTCGCCCCCCATCAA 312 GCTTCCGGATGACGGGTTT AAACCATCCCGTTCATCCGGAACC 313 CCCTCCATGTTCTTCGAACGGTTT AACCCGTCTGACAATTGCCGCCCCATCAA 315 ATTGTGACACAGCCAAATTCCCC GGGGAATTTTGGCCGCCCATCAA 316 TCAGCACAGCCAGACGGTCAACTT AAGTTGACCGTCTGCTGCTGCTGCTGAATTCCCCC	288	ATGGAGTCTGCTCACGCCCAAAGG	CCTTTGGGCGTGAGCAGACTCCAT
291 TCATTTGAATGAGGTGCGCACCGG CCGGTGCGCACCTCATTCAAATGA 292 GACGTACCGGAAGCGCCGTATAAA TTTATACGGCGCTTCCGGTACGTC 293 ATGCGAGCAATGGGATCCGGATTC GAATCCGGATCCCATTGCTCGCAT 294 AGAGTGAGGCCTCCCTGACCAGTG CACTGGTCAGGGAGGCCTCACTCT 295 CGCACCGTAAGTAGATTTGCCCGC GCGGCAAATCTACTTACGGTGCG 297 TGAACCTTTGAGCACGTGCC GCGCCACGACGTGCTCAAAGGTTCA 298 TCCGCCTTTTTGGTTACCTCGAAG CTTCGAGGTAACCAAAAAGGCGGA 299 GAACGCCAACGGCACTAACACATC GATGTTAGTGCCGTTCC 300 CCGACAGCAGCCCAAGACGTCCCAG CTGGGACGTCTTGCTGCGG 302 CATAAAAAACCTGGGGCTCTGCG CGCAGAGCCCCAGGTTTTTTATG 303 TGCCAACTGTCCAGAGCCGACTTA TAAGTCCGGTCTGCACAGTTGGCA 304 GGCGAAAGAGCGAAACCGGCTCGT ACGAGCCGGTTTCGCTCTTTCGCC 305 GGGATGCGTATTTTAGCGAACACG CGTGTTCGCTAAAAATACCATCCC 306 TGGGATTCAGCGACCAGACCGACTAT 307 CCCGATATTCGCCCGGCCTATTCG CGAATAGGCCGGACATATCCGA 308 CGAGAAGATGCCTCACCAACCAA TTGGTTGCGTGAGCAATTCCGG 309 AACCTTGACCCGGCCTATTCG CGAATAGGCCGGCGAATATCCGA 309 CCGATATCGCCCGGCCTATTCG CGAATAGGCCGGCGAATATCCGA 309 ACCTTGACCCGTGGATGACCCAA TTGGTTGCGTGAGCAATTCCGG 301 TGCAACGGCTCACCAACCAA TTGGTTGCGTGAGCAATCCCA 302 CCCGATATTCGCCCGGCCTATTCG CGAATAGGCCGGCCAATATCCGG 303 CCGCATAGGTCCCCGGCCTATTCG CGAATAGGCCGGCCAATATCCGG 304 CGGAAGAGTGCCTCACCGAACCAA TTGGTTGCGTGAGCAATCTCCG 305 TGGGATTCAGCCGGACCAACCAA TTGGTTGCGCAACCAA 307 CCCGATATTCGCCCGGCCTATTCG CGAATAGGCCGGCCAATATCCGG 308 CGACAAGATGCCTCACCCAACCAA TTGGTTGCACAGCCCGTTGCAA 309 CCCCCATGTTCTCCGCAACCAA TTGGTTGCCGCCAACCAA 310 TTGCAACGGCTGGTCAACGTCAA TTGACCGTTGAACCACCCGTTTCCAA 311 TTGCAACGGCCGAATCCCCGTTCAACGCCCGTTCCAAA 312 GCTTCCGGATGAACGGGATGGTTG CAACCATCCCGTTCACAAT 313 CCCTCCATGTTCTTCGAACGGTTT AAACCGTTCGAAGAACATGGAGGG 314 TTGATGGGCGCAAATTCCCC GGGGAAATTTGCCGCCCATCAA 315 ATTGTGAGATGCCCAAATTCCCC GGGGAAATTTGCCGCCCATCAA 316 TCAGCACAGCCAGACCAATTCCCC GGGGAATTTTCCCCCGGCCCATCAA 317 CAGCACAGCCAGACCAATTCCCC GGGGAATTTTCCCCCGCCCATCAA 316 TCAGCACAGCCAGACCAATTCCCC GGGGGAATTTTCCCCCAATTCACACTTTTCTCCCCCCCCC	289	CGGCCTCCAACAAGGAGCACTAAC	GTTAGTGCTCCTTGTTGGAGGCCG
292 GACGTACCGGAAGCGCCGTATAAA TITATACGGCGCTTCCGGTACGTC 293 ATGCGAGCAATGGGATCCGGATTC GAATCCGGATCCCATTGCTCGCAT 294 AGAGTGAGGCCTCCCTGACCAGTG CACTGGTCAGGGAGGCCTCACTCT 295 CGCACCGTAAGTAGATTTGCCCGC GCGGGCAAATCTACTTACGGTGCG 297 TGAACCTTTGAGCACGTCGTGCGC GCGGCACAATCTACTTACGGTGCG 298 TCCGCCTTTTTGGTTACCTCGAAG CTTCGAGGTAACCAAAAAGGCGGA 299 GAACGCCAACGGCACTAACACATC GATGTTTAGTGCCGGTTC 300 CCGACAGCAGCCAAGACGTCCCAG CTGGGACGTCTTGGCTGCTGCG 302 CATAAAAAACCTGGGGCTCTGCG CGCAGAGCCCCAGGTTTTTTATG 303 TGCCAACTGTGCAGACCGGACTTA TAAGTCCGGTCTGCACAGTTGGCA 304 GGCGAAAGAGCGAAACCGGCTCGT ACGAGCCGGTTTCGCCCCCCCCCC	290	CAGAGCCGTGGCAACATTGCGAGC	GCTCGCAATGTTGCCACGGCTCTG
ATGCGAGCAATGGGATCCGGATTC 294 AGAGTGAGGCCTCCCTGACCAGTG 295 CGCACCGTAAGATTTGCCCGC 297 TGAACCTTTGAGCACGTCGCCCGCGCCACCGTGCTCACACCCCCCCC	291	TCATTTGAATGAGGTGCGCACCGG	CCGGTGCGCACCTCATTCAAATGA
294 AGAGTGAGGCCTCCCTGACCAGTG CACTGGTCAGGGAGGCCTCACTCT 295 CGCACCGTAAGTAGATTTGCCCGC GCGGGCAAATCTACTTACGGTGCG 297 TGAACCTTTGAGCACGTCGTGCGC GCGCACGACGTGCTCAAAGGTTCA 298 TCCGCCTTTTTGGTTACCTCGAAG CTTCGAGGTAACCAAAAAGGCGGA 299 GAACGCCAACGGCACTAACACATC GATGTGTTAGTGCCGTTGCGG 300 CCGACAGCAGCCAAGACGTCCCAG CTGGGACGTCTTGGCTGTCGG 301 CATAAAAAAACCTGGGGCTCTGCG CGCAGAGCCCCAGGTTTTTTTATG 302 GACACTGTGCAGACCGGACTTA TAAGTCCGGTCGCACAGTTGGCA 303 TGCCAACTGTGCAGACCGGACTTA TAAGTCCGGTCTGCCCC 305 GGGATGCGTATTTTAGCGAACACG CGTGTTCGCTCTTCGCC 306 TGGGATTCAGCGACCAGTACGCGA TCGCGTAAAATACGCATCCC 307 CCCGATATTCGCCCGGCCTATTCG CGAATAGGCCGGCGAATATCGGG 308 CGAGAAGATGCCTCACGCAACCAA TTGGTTGCGTGAGGCATCTTCTCG 309 AACCTTGACCCGTGGATGACGCTA TAGCGTCATCCACGGGTCAAGGTT 6 TTGCAACGGGCTGGTCAACGTCAA TTGACGTCACCGCAACCAA 7 CGCATAGGTTGCCGATTTCGTCAA TTGACGTTGACCAGCCCGTTGCAA 7 CGCATAGGTTGCCGATTTCGTCAA TTGACGTTGACCAGCCCGTTGCAA 312 GCTTCCGGATGACGGATTTTTTTTCGCAACGGGTCAAGGTT AGCGTCATCCCGGAACCTAA TTGACGTTGACCAACCTATGCG 312 GCTTCCGGATGAACGGGATGGTTG CAACCATCCCGTTCAACATTGCGCAACCTATTCGCGAACCAATTCGCGAACCAATTGCGCAACCTATTCGCAACGGATGCTCAACTTCAACACAACCAATTGCGCAACCTATTCGCAACACAACCAATTTGACGAAACACAGGAACCATTCCCGGAAGCAACCTATGCGAACCAACC	292	GACGTACCGGAAGCGCCGTATAAA	TTTATACGGCGCTTCCGGTACGTC
295 CGCACCGTAAGTAGATTTGCCCGC GCGGGCAAATCTACTTACGGTGCG 297 TGAACCTTTGAGCACGTCGTGCGC GCGCACGACGTGCTCAAAGGTTCA 298 TCCGCCTTTTTGGTTACCTCGAAG CTTCGAGGTAACCAAAAAGGCGGA 299 GAACGCCAACGGCACTAACACATC GATGTGTTAGTGCCGTTGCGGTTC 300 CCGACAGCAGCCAAGACGTCCCAG CTGGGACGTCTTGGCTGCTGCG 302 CATAAAAAAACCTGGGGCTCTGCG CGCAGAGCCCCAGGTTTTTTATG 303 TGCCAACTGTGCAGACCGGACTTA TAAGTCCGGTCTGCACAGTTGGCA 304 GGCGAAAGAGCGAAACCGGCTCGT ACGAGCCGGTTTCGCTCTTCGCC 305 GGGATGCGTATTTTAGCGAACACG CGTGTTCGCTCTTTCGCC 306 TGGGATTCAGCGACCAGTACGCGA TCGCGTAAAATACGCATCCC 307 CCCGATATTCGCCCGGCCTATTCG CGAATAGGCCGGCGAATACCCA 307 CCCGATATTCGCCCGGCCTATTCG CGAATAGCCGGCGCGAATATCGGG 308 CGAGAAGATGCCTCACGCAACCAA TTGGTTGCGTGAGGCATCTTCTCG 309 AACCTTGACCCGTGGATGACGCTA TAGCGTCATCCACGGGTCAAGGTT 6 TTGCAACGGGCTGGTCAACGTCAA TTGACGTTGACCAGCCCGTTGCAA 7 CGCATAGGTTGCCGATTTCGTCAA TTGACGAAATCGGCAACCTATGCG 312 GCTTCCGGATGAACGGGTTG CAACCATCCCGTTCATCCGGAAGC 313 CCCTCCATGTTCTTCGAACGGTTT AAACCGTTCGAAGAACATGGGGGG 314 TTGATGGGCGGCAATGCTCTTGCT AGCAAGAGCATTTGCCGCCCATCAA 315 ATTGTGAGATGCGCCAAATTCCCC GGGGAATTTGGCGCCCATCAA 316 TCAGCACAGCCAGACGGTCAACTT AAGTTGACCGTTGGCTGCTGA	293	ATGCGAGCAATGGGATCCGGATTC	GAATCCGGATCCCATTGCTCGCAT
297 TGAACCTTTGAGCACGTCGTGCGC GCGCACGACGTGCTCAAAGGTTCA 298 TCCGCCTTTTTGGTTACCTCGAAG CTTCGAGGTAACCAAAAAGGCGGA 299 GAACGCCAACGGCACTAACACATC GATGTGTTAGTGCCGTTGGCGTTC 300 CCGACAGCAGCCAAGACGTCCCAG CTGGGACGTCTTGGCTGTCGG 302 CATAAAAAAACCTGGGGCTCTGCG CGCAGAGCCCCAGGTTTTTTTATG 303 TGCCAACTGTGCAGACCGGACTTA TAAGTCCGGTCTGCACAGTTGGCA 304 GGCGAAAGAGCGAACCGGCTCGT ACGAGCCGGTTTCGCTCTTCGCC 305 GGGATGCGTATTTTAGCGAACACG CGTGTTCGCTAAAATACGCATCCC 306 TGGGATTCAGCGACCAGTACGCGA TCGCGTACTGGTCGCTGAAATCCCA 307 CCCGATATTCGCCCGGCCTATTCG CGAATAGGCCGGACATATCGGG 308 CGAGAAGATGCCTCACGCAACCAA TTGGTTGCGTGAGGCATCTTCTCG 309 AACCTTGACCCGTGGATGACGCTA TAGCGTCATCCACGGGTCAAGGTT 6 TTGCAACGGGCTGGTCAACGTCAA TTGACGTCACCACGCCCGTTGCAA 7 CGCATAGGTTGCCGATTTCGTCAA TTGACGTCACCACCCCTTGCAC 312 GCTTCCGGATGACGCGATTTCGTCAA TTGACGTCACCGCCCCTTTCCG 313 CCCTCCATGTTCTTCGAACGGTTT AAACCGTTCGAAGACCTATGCG 314 TTGATGGGCGGCAATGCTCTTCCT AGCAACAATCCGCCCCATCAA 315 ATTGTGAGATGCGCCAAATTCCCC GGGGAATTTTGGCGCCCCATCAA 316 TCAGCACAGCCAGACCGTTCAACTT AAGTTGACCGTTCGCGCCCATCAA	294	AGAGTGAGGCCTCCCTGACCAGTG	CACTGGTCAGGGAGGCCTCACTCT
TCCGCCTTTTTGGTTACCTCGAAG TCCGCCTTTTTGGTTACCTCGAAG TCCGACAACAGCAACACACACACACACACACACACACACA	295	CGCACCGTAAGTAGATTTGCCCGC	GCGGGCAAATCTACTTACGGTGCG
299 GAACGCCAACGGCACTAACACATC GATGTGTTAGTGCCGTTGCGTTC 300 CCGACAGCAGCCAAGACGTCCCAG CTGGGACGTCTTGGCTGCTGTCGG 302 CATAAAAAAACCTGGGGCTCTGCG CGCAGAGCCCCAGGTTTTTTATG 303 TGCCAACTGTGCAGACCGGACTTA TAAGTCCGGTCTGCACAGTTGGCA 304 GGCGAAAGAGCGAAACCGGCTCGT ACGAGCCGGTTTCGCTCTTTCGCC 305 GGGATGCGTATTTTAGCGAACACG CGTGTTCGCTAAAATACGCATCCC 306 TGGGATTCAGCGACCAGTACGCGA TCGCGTACTGGTCGCTGAATCCCA 307 CCCGATATTCGCCCGGCCTATTCG CGAATAGGCCGGGCGAATATCGGG 308 CGAGAAGATGCCTCACGCAACCAA TTGGTTGCGTGAGGCATCTTCTCG 309 AACCTTGACCCGTGGATGACGCTA TAGCGTCATCCACGGGTCAAGGTT 6 TTGCAACGGGCTGGTCAACGTCAA TTGACGTTGACCAGCCCGTTGCAA 7 CGCATAGGTTGCCGATTTCGTCAA TTGACGAAATCGGCAACCTATGCG 312 GCTTCCGGATGAACGGGATGGTTG CAACCATCCCGTTCATCCGGAAGC 313 CCCTCCATGTTCTTCGAACGGTTT AAACCGTTCGAAGAACATGGAGGG 314 TTGATGGGCGCAAATTCCCC GGGGAATTTGGCGCCCCATCAA 315 ATTGTGAGATGCGCCAAATTCCCC GGGGAATTTGGCGCCCCATCAA 316 TCAGCACAGCCAGACGGTCAACTT AAGTTGACCGTTGGCTGCTGA	297	TGAACCTTTGAGCACGTCGTGCGC	GCGCACGACGTGCTCAAAGGTTCA
CCGACAGCAGCCAAGACGTCCCAG CTGGGACGTCTTGGCTGCTGCG CATAAAAAAACCTGGGGCTCTGCG CGCAGAGCCCCAGGTTTTTTTATG CGCAACTGTGCAGACCGGACTTA CGCGACAGTGCCAACTGTGCAGACCGGACTTA CGCAACTGTGCAGACCGGACTTA CGCGGTCTGCACAGTTGGCA CGCGAAAGAGCGAAACCGGCTCGT CGCGTACTGCCCCCCCCCC	298	TCCGCCTTTTTGGTTACCTCGAAG	CTTCGAGGTAACCAAAAAGGCGGA
CATAAAAAACCTGGGGCTCTGCG CGCAGAGCCCCAGGTTTTTTTATG 303 TGCCAACTGTGCAGACCGGACTTA TAAGTCCGGTCTGCACAGTTGGCA 304 GGCGAAAGAGCGAAACCGGCTCGT ACGAGCCGGTTTCGCTCTTTCGCC 305 GGGATGCGTATTTTAGCGAACACG CGTGTTCGCTAAAATACGCATCCC 306 TGGGATTCAGCGACCAGTACGCGA TCGCGTACTGGTCGCTGAATCCCA 307 CCCGATATTCGCCCGGCCTATTCG CGAATAGGCCGGGCGAATATCGGG 308 CGAGAAGATGCCTCACGCAACCAA TTGGTTGCGTGAGGCATCTTCTCG 309 AACCTTGACCCGTGGATGACGCTA TAGCGTCATCCACGGGTCAAGGTT 6 TTGCAACGGGCTGGTCAACGTCAA TTGACGTTGACCAGCCCGTTGCAA 7 CGCATAGGTTGCCGATTTCGTCAA TTGACGAAATCGGCAACCTATGCG 312 GCTTCCGGATGAACGGGATGGTTG CAACCATCCCGTTCATCCGGAAGC 313 CCCTCCATGTTCTTCGAACGGTTT AAACCGTTCGAAGAACATGGAGGG 314 TTGATGGGCGGCAATGCTCTTGCT AGCAAGAGCATTGCCGCCCCATCAA 315 ATTGTGAGATGCGCCAAATTCCCC GGGGAATTTGGCGCATCTCACAAT 316 TCAGCACAGCCAGACGGTCAACTT AAGTTGACCGTCTGGCTGCTGA	299	GAACGCCAACGGCACTAACACATC	GATGTGTTAGTGCCGTTGGCGTTC
TGCCAACTGTGCAGACCGGACTTA TAAGTCCGGTCTGCACAGTTGGCA 304 GGCGAAAGAGCGAAACCGGCTCGT ACGAGCCGGTTTCGCTCTTTCGCC 305 GGGATGCGTATTTTAGCGAACACG CGTGTTCGCTAAAATACGCATCCC 306 TGGGATTCAGCGACCAGTACGCGA TCGCGTACTGGTCGCTGAATCCCA 307 CCCGATATTCGCCCGGCCTATTCG CGAATAGGCCGGGCGAATATCGGG 308 CGAGAAGATGCCTCACGCAACCAA TTGGTTGCGTGAGGCATCTTCTCG 309 AACCTTGACCCGTGGATGACGCTA TAGCGTCATCCACGGGTCAAGGTT 6 TTGCAACGGGCTGGTCAACGTCAA TTGACGTTGACCAGCCCGTTGCAA 7 CGCATAGGTTGCCGATTTCGTCAA TTGACGAAATCGGCAACCTATGCG 312 GCTTCCGGATGAACGGGATGGTTG CAACCATCCCGTTCATCCGGAAGC 313 CCCTCCATGTTCTTCGAACGGTTT AAACCGTTCGAAGAACATGGAGGG 314 TTGATGGGCGGCAATGCTCTTGCT AGCAAGAGCATTGCCGCCCATCAA 315 ATTGTGAGATGCGCCAAATTCCCC GGGGAATTTGGCGCATCTCACAAT 316 TCAGCACAGCCAGACGGTCAACTT AAGTTGACCGTCTGGCTGCTGA	300	CCGACAGCAGCCAAGACGTCCCAG	CTGGGACGTCTTGGCTGTCGG
GGCGAAAGAGCGAAACCGGCTCGT ACGAGCCGGTTTCGCCC GGGATGCGTATTTTAGCGAACACG CGTGTTCGCTAAAATACGCATCCC GGGATTCAGCGACCAGTACGCGA TCGCGTACTGGTCGCTGAATCCCA TGGGATTCAGCGACCAGTACGCGA TCGCGTACTGGTCGCTGAATCCCA CCCGATATTCGCCCGGCCTATTCG CGAATAGGCCGGGCGAATATCGGG GGAGAAGATGCCTCACGCAACCAA TTGGTTGCGTGAGGCATCTTCTCG ACCTTGACCCGTGGATGACGCTA TAGCGTCATCCACGGGTCAAGGTT TTGCAACGGGCTGGTCAACGTCAA TTGACGTTGACCAGCCCGTTGCAA CGCATAGGTTGCCGATTTCGTCAA TTGACGAAATCGGCAACCTATGCG TCGCATAGGTTGCCGATTTCGTCAA TTGACCATCCCGTTCATCCGGAAGC TCGCATAGTTCTTCGAACGGTTT AAACCGTTCGAAGAACATGGAGGG TTGATGGGCGGCAATGCTCTTGCT AGCAAGAGCATTGCCGCCCATCAA TTGATGGGCGGCAATGCTCTTGCT AGCAAGAGCATTTGCCGCCCATCAA TCAGCACAGCCAGACGGTCAACTT AAGTTGACCGTCTGGCTGACAAT	302	CATAAAAAACCTGGGGCTCTGCG	CGCAGAGCCCCAGGTTTTTTATG
GGATGCGTATTTTAGCGAACACG CGTGTTCGCTAAAATACGCATCCC GGATTCAGCGACCAGTACGCGA TCGCGTACTGGTCGCTGAATCCCA TGGGATTCAGCGACCAGTACGCGA TCGCGTACTGGTCGCTGAATCCCA CCCGATATTCGCCCGGCCTATTCG CGAATAGGCCGGGCGAATATCGGG GGAGAAGATGCCTCACGCAACCAA TTGGTTGCGTGAGGCATCTTCTCG ACCTTGACCCGTGGATGACGCTA TAGCGTCATCCACGGGTCAAGGTT TTGCAACGGGCTGGTCAACGTCAA TTGACGTTGACCAGCCCGTTGCAA CGCATAGGTTGCCGATTTCGTCAA TTGACGAAATCGGCAACCTATGCG GCTTCCGGATGAACGGGATGGTTG CAACCATCCCGTTCATCCGGAAGC GCTCCCATGTTCTTCGAACGGTTT AAACCGTTCGAAGAACATGGAGGG TTGATGGGCGGCAATGCTCTTGCT AGCAAGAGCATTGCCGCCCATCAA ATTGTGAGATGCGCCAAATTCCCC GGGGAATTTGGCGCCCATCAA TCAGCACAGCCAGACGGTCAACTT AAGTTGACCGTCTGGCTGAC	303	TGCCAACTGTGCAGACCGGACTTA	TAAGTCCGGTCTGCACAGTTGGCA
TGGGATTCAGCGACCAGTACGCGA TCGCGTACTGGTCGCTGAATCCCA 307 CCCGATATTCGCCCGGCCTATTCG CGAATAGGCCGGCGAATATCGGG 308 CGAGAAGATGCCTCACGCAACCAA TTGGTTGCGTGAGGCATCTTCTCG 309 AACCTTGACCCGTGGATGACGCTA TAGCGTCATCCACGGGTCAAGGTT 6 TTGCAACGGGCTGGTCAACGTCAA TTGACGTTGACCAGCCCGTTGCAA 7 CGCATAGGTTGCCGATTTCGTCAA TTGACGAAATCGGCAACCTATGCG 312 GCTTCCGGATGAACGGGATGGTTG CAACCATCCCGTTCATCCGGAAGC 313 CCCTCCATGTTCTTCGAACGGTTT AAACCGTTCGAAGAACATGGAGGG 314 TTGATGGGCGGCAATGCTCTTGCT AGCAAGAGCATTGCCGCCCATCAA 315 ATTGTGAGATGCGCCAAATTCCCC GGGGAATTTGGCGCCCATCACAT 316 TCAGCACAGCCAGACGGTCAACTT AAGTTGACCGTCTGGCTGA	304	GGCGAAAGAGCGAAACCGGCTCGT	ACGAGCCGGTTTCGCTCTTTCGCC
307 CCCGATATTCGCCCGGCCTATTCG CGAATAGGCCGGGCGAATATCGGG 308 CGAGAAGATGCCTCACGCAACCAA TTGGTTGCGTGAGGCATCTTCTCG 309 AACCTTGACCCGTGGATGACGCTA TAGCGTCATCCACGGGTCAAGGTT 6 TTGCAACGGGCTGGTCAACGTCAA TTGACGTTGACCAGCCCGTTGCAA 7 CGCATAGGTTGCCGATTTCGTCAA TTGACGAAATCGGCAACCTATGCG 312 GCTTCCGGATGAACGGGATGGTTG CAACCATCCCGTTCATCCGGAAGC 313 CCCTCCATGTTCTTCGAACGGTTT AAACCGTTCGAAGAACATGGAGGG 314 TTGATGGGCGCAATGCTCTTGCT AGCAAGAGCATTGCCGCCCATCAA 315 ATTGTGAGATGCGCCAAATTCCCC GGGGAATTTGGCGCCCATCAA 316 TCAGCACAGCCAGACGGTCAACTT AAGTTGACCGTCTGGCTGA	305	GGGATGCGTATTTTAGCGAACACG	CGTGTTCGCTAAAATACGCATCCC
308 CGAGAAGATGCCTCACGCAACCAA TTGGTTGCGTGAGGCATCTTCTCG 309 AACCTTGACCCGTGGATGACGCTA TAGCGTCATCCACGGGTCAAGGTT 6 TTGCAACGGGCTGGTCAACGTCAA TTGACGTTGACCAGCCCGTTGCAA 7 CGCATAGGTTGCCGATTTCGTCAA TTGACGAAATCGGCAACCTATGCG 312 GCTTCCGGATGAACGGGATGGTTG CAACCATCCCGTTCATCCGGAAGC 313 CCCTCCATGTTCTTCGAACGGTTT AAACCGTTCGAAGAACATGGAGGG 314 TTGATGGGCGGCAATGCTCTTGCT AGCAAGAGCATTGCCGCCCATCAA 315 ATTGTGAGATGCGCCAAATTCCCC GGGGAATTTGGCGCCCATCACAT 316 TCAGCACAGCCAGACGGTCAACTT AAGTTGACCGTCTGGCTGA	306	TGGGATTCAGCGACCAGTACGCGA	TCGCGTACTGGTCGCTGAATCCCA
309 AACCTTGACCCGTGGATGACGCTA TAGCGTCATCCACGGGTCAAGGTT 6 TTGCAACGGGCTGGTCAACGTCAA TTGACGTTGACCAGCCCGTTGCAA 7 CGCATAGGTTGCCGATTTCGTCAA TTGACGAAATCGGCAACCTATGCG 312 GCTTCCGGATGAACGGGATGGTTG CAACCATCCCGTTCATCCGGAAGC 313 CCCTCCATGTTCTTCGAACGGTTT AAACCGTTCGAAGAACATGGAGGG 314 TTGATGGGCGGCAATGCTCTTGCT AGCAAGAGCATTGCCGCCCATCAA 315 ATTGTGAGATGCGCCAAATTCCCC GGGGAATTTGGCGCCATCTCACAAT 316 TCAGCACAGCCAGACGGTCAACTT AAGTTGACCGTCTGGCTGA	307	CCCGATATTCGCCCGGCCTATTCG	CGAATAGGCCGGGCGAATATCGGG
6 TTGCAACGGCTGGTCAACGTCAA TTGACGTTGACCAGCCCGTTGCAA 7 CGCATAGGTTGCCGATTTCGTCAA TTGACGAAATCGGCAACCTATGCG 312 GCTTCCGGATGAACGGGATGGTTG CAACCATCCCGTTCATCCGGAAGC 313 CCCTCCATGTTCTTCGAACGGTTT AAACCGTTCGAAGAACATGGAGGG 314 TTGATGGGCGGCAATGCTCTTGCT AGCAAGAGCATTGCCGCCCATCAA 315 ATTGTGAGATGCGCCAAATTCCCC GGGGAATTTGGCGCCATCTCACAAT 316 TCAGCACAGCCAGACGGTCAACTT AAGTTGACCGTCTGGCTGTGCTGA	308	CGAGAAGATGCCTCACGCAACCAA	TTGGTTGCGTGAGGCATCTTCTCG
7 CGCATAGGTTGCCGATTTCGTCAA TTGACGAAATCGGCAACCTATGCG 312 GCTTCCGGATGAACGGGATGGTTG CAACCATCCCGTTCATCCGGAAGC 313 CCCTCCATGTTCTTCGAACGGTTT AAACCGTTCGAAGAACATGGAGGG 314 TTGATGGGCGGCAATGCTCTTGCT AGCAAGAGCATTGCCGCCCATCAA 315 ATTGTGAGATGCGCCAAATTCCCC GGGGAATTTGGCGCATCTCACAAT 316 TCAGCACAGCCAGACGGTCAACTT AAGTTGACCGTCTGGCTGTGCTGA	309	AACCTTGACCCGTGGATGACGCTA	TAGCGTCATCCACGGGTCAAGGTT
312 GCTTCCGGATGAACGGGATGGTTG CAACCATCCCGTTCATCCGGAAGC 313 CCCTCCATGTTCTTCGAACGGTTT AAACCGTTCGAAGAACATGGAGGG 314 TTGATGGGCGGCAATGCTCTTGCT AGCAAGAGCATTGCCGCCCATCAA 315 ATTGTGAGATGCGCCAAATTCCCC GGGGAATTTGGCGCATCTCACAAT 316 TCAGCACAGCCAGACGGTCAACTT AAGTTGACCGTCTGGCTGTGCTGA	6	TTGCAACGGGCTGGTCAACGTCAA	TTGACGTTGACCAGCCCGTTGCAA
313 CCCTCCATGTTCTTCGAACGGTTT AAACCGTTCGAAGAACATGGAGGG 314 TTGATGGGCGCAATGCTCTTGCT AGCAAGAGCATTGCCGCCCATCAA 315 ATTGTGAGATGCGCCAAATTCCCC GGGGAATTTGGCGCATCTCACAAT 316 TCAGCACAGCCAGACGGTCAACTT AAGTTGACCGTCTGGCTGTGCTGA	7	CGCATAGGTTGCCGATTTCGTCAA	TTGACGAAATCGGCAACCTATGCG
314 TTGATGGGCGGCAATGCTCTTGCT AGCAAGAGCATTGCCGCCCATCAA 315 ATTGTGAGATGCGCCAAATTCCCC GGGGAATTTGGCGCATCTCACAAT 316 TCAGCACAGCCAGACGGTCAACTT AAGTTGACCGTCTGGCTGTGCTGA	312	GCTTCCGGATGAACGGGATGGTTG	CAACCATCCCGTTCATCCGGAAGC
315 ATTGTGAGATGCGCCAAATTCCCC GGGGAATTTGGCGCATCTCACAAT 316 TCAGCACAGCCAGACGGTCAACTT AAGTTGACCGTCTGGCTGTGCTGA	313	CCCTCCATGTTCTTCGAACGGTTT	AAACCGTTCGAAGAACATGGAGGG
316 TCAGCACAGCCAGACGGTCAACTT AAGTTGACCGTCTGGCTGTGCTGA	314	TTGATGGGCGGCAATGCTCTTGCT	AGCAAGAGCATTGCCGCCCATCAA
	315	ATTGTGAGATGCGCCAAATTCCCC	GGGGAATTTGGCGCATCTCACAAT
317 ACTCCACTCCTCGGTGGCAAACTA TAGTTTGCCACCGAGGAGTGGAGT	316	TCAGCACAGCCAGACGGTCAACTT	AAGTTGACCGTCTGGCTGTGCTGA
	317	ACTCCACTCCTCGGTGGCAAACTA	TAGTTTGCCACCGAGGAGTGGAGT

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	1	
318	TCTGGGCATGCCTGGACGGAGACG	CGTCTCCGTCCAGGCATGCCCAGA
319	TCTCAACTCCGGTACGACGAAACA	TGTTTCGTCGTACCGGAGTTGAGA
320	TTGCGTGGTCAAAGGCGCAACGTG	CACGTTGCGCCTTTGACCACGCAA
321	AGACAGCGATCCGCGGCTCATGAT	ATCATGAGCCGCGGATCGCTGTCT
322	CGCGTCTCTAACTGAGAGCAGCCA	TGGCTGCTCTCAGTTAGAGACGCG
323	AGGCGCACATGTACGGACATTCAG	CTGAATGTCCGTACATGTGCGCCT
324	GATGAGTGGCACGTCGGTGTGTAA	TTACACACCGACGTGCCACTCATC
325	TGATCCATATTGTCGGACGTTGCG	CGCAACGTCCGACAATATGGATCA
326	ACCTGCCGGGAGTTCATAGGCTAG	CTAGCCTATGAACTCCCGGCAGGT
327	AGCATTGGCGTTTTTCCGCAACGA	TCGTTGCGGAAAAACGCCAATGCT
328	GGTAATATTCAGCGCGACCGCTCA	TGAGCGGTCGCGCTGAATATTACC
329	ATAGCGTACGACGAGGTGACGCGC	GCGCGTCACCTCGTCGTACGCTAT
331	TAGGTCACGATGCGTTTGACGCTA	TAGCGTCAAACGCATCGTGACCTA
332	ACTGCCCGTACCTCTGGTTCTGGC	GCCAGAACCAGAGGTACGGCAGT
334	CCTTTGGCCTGAAGTTGTCGTAGC	GCTACGACAACTTCAGGCCAAAGG
335	GTGCCCACGAGCGTATCGTTGTA	TACAACGATACGCTCGTGGGGCAC
336	AGGCGCTACGTGGGCCTGGAGCAA	TTGCTCCAGGCCCACGTAGCGCCT
337	GGGTGCTACCATTGCATTAGTCCG	CGGACTAATGCAATGGTAGCACCC
338	ACCACGCGCGTACGTGTAACCGAG	CTCGGTTACACGTACGCGCGTGGT
339	CCATGATGCATTGGGTGCATTTAG	CTAAATGCACCCAATGCATCATGG
340	GGTCCGGCCCTACGAAACGTTCGA	TCGAACGTTTCGTAGGGCCGGACC
341	CCGTGTGGCTGGAGATTCGTGTGA	TCACACGAATCTCCAGCCACACGG
342	GTTAGGGCGACGCATATTGGCACA	TGTGCCAATATGCGTCGCCCTAAC
343	GGGTCAGTCAGGTGCGTTAGGATC	GATCCTAACGCACCTGACTGACCC
344	GCCGTGAAGTCGAATGCAGATCGA	TCGATCTGCATTCGACTTCACGGC
345	GCCACCACCAGTGCATTCAGGTA	TACCTGAATGCACTGGGTGGTGGC
346	GAGCTTAGTTTGCGGTCATCGGGC	GCCCGATGACCGCAAACTAAGCTC
347	TGTTTGCCGCCATTAGGGAGTAAC	GTTACTCCCTAATGGCGGCAAACA
348	GCTCCGCTGGATGTGCCGGTTTAG	CTAAACCGGCACATCCAGCGGAGC
349	CGGTAGCATGCGAGATCCCTGTTA	TAACAGGGATCTCGCATGCTACCG
350	CTACGCTCTACCAGTTGCCTGCGA	TCGCAGGCAACTGGTAGAGCGTAG
351	GTGCCTCCTGCTGTATTTGCCAAG	CTTGGCAAATACAGCAGGAGGCAC
352	TTGCGACTCGACTTGGACGAGTAG	CTACTCGTCCAAGTCGAGTCGCAA
353	TCTGGGAGCTGTTTACTCCAGCCA	TGGCTGGAGTAAACAGCTCCCAGA
354	TGCACGCGGAACTCCCTTTACCAT	ATGGTAAAGGGAGTTCCGCGTGCA
355	TGGCAGCAAATGAATCGAAAGCAC	GTGCTTTCGATTCATTTGCTGCCA
356	AACTGGTGACGCGGTACAGCGAAG	CTTCGCTGTACCGCGTCACCAGTT
357	AGACGATTACGCTGGACGCCGTCG	CGACGCGTCCAGCGTAATCGTCT

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358	ATGCCCTCCTTCATGGAAAGGGTT	AACCCTTTCCATGAAGGAGGGCAT
359	ATTCTCGGAGCGTATGCGCCAGAA	TTCTGGCGCATACGCTCCGAGAAT
360	ATAGCGGAGTTTGGGTACGCGAAC	GTTCGCGTACCCAAACTCCGCTAT
361	ACCTACGCATACCGCTTGGCGAGG	CCTCGCCAAGCGGTATGCGTAGGT
362	GATTACCTGAATGGCCAAGCGAGC	GCTCGCTTGGCCATTCAGGTAATC
363	CCTGTTAGCATCACGGCGCTTAGG	CCTAAGCGCCGTGATGCTAACAGG
364	CGGAATGATGCGCTCGACAACGCT	AGCGTTGTCGAGCGCATCATTCCG
365	TGAGAGAGGCGTTGGTTAAGGCAA	TTGCCTTAACCAACGCCTCTCTCA
366	AAGCAGGCGAAGGGATACTCCTCG	CGAGGAGTATCCCTTCGCCTGCTT
367	TCACGACAGACGGCCGAGATTAC	GTAATCTCGGCCCGTCTGTCGTGA
368	AAGCAATTTGGCCTCGTTTTGTGA	TCACAAAACGAGGCCAAATTGCTT
369	GCTGGTTGCGGTAGGATCGCATAT	ATATGCGATCCTACCGCAACCAGC
370	TTGTGAATCCGTTCTGTCCCCGAC	GTCGGGGACAGAACGGATTCACAA
372	TGGGCTCCTCTGAGGCGAGATGGC	GCCATCTCGCCTCAGAGGAGCCCA
373	GGATAGAGTGAATCGACCGGCAAC	GTTGCCGGTCGATTCACTCTATCC
374	TGCACCGAACGTGCACGAGTAATT	AATTACTCGTGCACGTTCGGTGCA
375	GCCAGTATTCTCGGGTGTTGGACG	CGTCCAACACCCGAGAATACTGGC
376	TCGCTACCTAAGACCGGGCCATAC	GTATGGCCCGGTCTTAGGTAGCGA
377	TGGCATTGACGAGCAGCAGTCAGT	ACTGACTGCTGCTCGTCAATGCCA
378	CGCGTCCCAGCGCCCTTGGAGTAT	ATACTCCAAGGGCGCTGGGACGCG
379	ATGAAGCCTACCGGGCGACTTCGT	ACGAAGTCGCCCGGTAGGCTTCAT
380	CCAGACAGATGGCCTGGAACCATG	CATGGTTCCAGGCCATCTGTCTGG
381	TGGCGTGGGACCATCTCAAAGCTA	TAGCTTTGAGATGGTCCCACGCCA
382	CCGCATGGGAACACGTGTCAAGGT	ACCTTGACACGTGTTCCCATGCGG
383	GCCCACTCGTCAGCTGGACGTAAT	ATTACGTCCAGCTGACGAGTGGGC
384	ATTACGGTCGTGATCCAGAAAGCG	CGCTTTCTGGATCACGACCGTAAT
385	TGCGAGGTGAGCACCTACGAGAGA	TCTCTCGTAGGTGCTCACCTCGCA
386	GGGCCGCATTCTTGATGTCCATTC	GAATGGACATCAAGAATGCGGCCC
387	CCTCGGATGTGGGCTCTCGCCTAG	CTAGGCGAGAGCCCACATCCGAGG
388	TAGGCATGTTGGCGTGAGCGCTAT	ATAGCGCTCACGCCAACATGCCTA
389	CGATACGAACGAGGATGTCCGCCT	AGGCGGACATCCTCGTTCGTATCG
390	TACGCCGGTTAGCACGGTGCGCTA	TAGCGCACCGTGCTAACCGGCGTA
391	CATACGATGTCCGGGCCGTGTCGC	GCGACACGGCCCGGACATCGTATG
392	ATCCGCAGTTGTATGGCGCGTTAT	ATAACGCGCCATACAACTGCGGAT
393	GGGTAAGGGACAAAGATGGGATGG	CCATCCCATCTTTGTCCCTTACCC
394	ATTGGAGTGTTTTGGTGAATCCGC	GCGGATTCACCAAAACACTCCAAT
395	GAACCGAGCCAACGTATGGACACG	CGTGTCCATACGTTGGCTCGGTTC
396	GCCGTCAAGCTTAAGGTTTTGGGC	GCCCAAAACCTTAAGCTTGACGGC

397		ACCTGCTTTTGGGTGGGTGATATG	CATATCACCCACCCAAAAGCAGGT
398		AATCGTGGGCGCAGCAAACGTATA	TATACGTTTGCTGCGCCCACGATT
399		GTCGCCGGATTGCTCAGTATAAGC	GCTTATACTGAGCAATCCGGCGAC
400		ACCCGTCGATGCTTCCTCCTCAGA	TCTGAGGAGGAAGCATCGACGGGT
401		ATCCGGGTGGGCGATACAAGAGAT	ATCTCTTGTATCGCCCACCCGGAT
402		TTCCGCATGAGTCAGCTTTGAAAA	TTTTCAAAGCTGACTCATGCGGAA
403		GCAAAGTCCCACTGGCAAGCCGAT	ATCGGCTTGCCAGTGGGACTTTGC
404		CGACCTCGGCTTCATCGTACACAT	ATGTGTACGATGAAGCCGAGGTCG
405		CTCATGAGCGCAGTTGTGCGTGAG	CTCACGCACAACTGCGCTCATGAG
406		CAGATGAAGGATCCACGGCCGGAG	CTCCGGCCGTGGATCCTTCATCTG
407		TCAAAGGCTCTTGGATACAGCCGT	ACGGCTGTATCCAAGAGCCTTTGA
408		TCCGCTAATTTCCAATCAGGGCTC	GAGCCCTGATTGGAAATTAGCGGA
	8	CCGTTTGCGGTCGTCCTTGCTCAA	TTGAGCAAGGACGACCGCAAACGG
	9	TTCGCTTTCGTGGCTGCACTTCAA	TTGAAGTGCAGCCACGAAAGCGAA
411		CTTAGTTGGGGCGCGGTATCCAGA	TCTGGATACCGCGCCCCAACTAAG
412		GCTCTAATGCCGTGGAGTCGGAAC	GTTCCGACTCCACGGCATTAGAGC
413		CCGATTACAAATTGACTGACCGCA	TGCGGTCAGTCAATTTGTAATCGG
414		AGACGTACGTGAGCCTCCCGTGTC	GACACGGGAGGCTCACGTACGTCT
415		AATGGAGCGATACGATCCAACGCA	TGCGTTGGATCGTATCGCTCCATT
416		GGAGGCGCTGTACTGATAGGCGTA	TACGCCTATCAGTACAGCGCCTCC
417		TGTTTTTGAATTGACCACACGGGA	TCCCGTGTGGTCAATTCAAAAACA
418		CATGTCTGGATGCGCTCAATGAAG	CTTCATTGAGCGCATCCAGACATG
419		GCCCGCTAATCCGACACCCAGTTT	AAACTGGGTGTCGGATTAGCGGGC
420		CCATTGACAGGAGAGCCATGAGCC	GGCTCATGGCTCTCCTGTCAATGG
421		GAATCACCGAATCACCGACTCGTT	AACGAGTCGGTGATTC
422		AACCAGCCGCAGTAGCTTACGTCG	CGACGTAAGCTACTGCGGCTGGTT
423		TTTTCTGAGGGACACGCGGGCGTT	AACGCCCGCGTGTCCCTCAGAAAA
424		GGTGCTCCGTTTGATCGATCCTCC	GGAGGATCGATCAAACGGAGCACC
425		CCGCTTAGGCCATACTCTGAGCCA	TGGCTCAGAGTATGGCCTAAGCGG
426	œ	TAAGACATACCGACGCCCTTGCCT	AGGCAAGGGCGTCGGTATGTCTTA
427		GTTCCCGACGCCAGTCATTGAGAC	GTCTCAATGACTGGCGTCGGGAAC
428		TAAAAGTTTCGCGGAGGTCGGGCT	AGCCCGACCTCCGCGAAACTTTTA
429		CGGTCCAGACGAGCTGAGTTCGGC	GCCGAACTCAGCTCGTCTGGACCG
430		CGGCGTAGCGGCTACGGACTTAAA	TTTAAGTCCGTAGCCGCTACGCCG
431		GCTTGGATGCCCATGCGGCAAGGT	ACCTTGCCGCATGGGCATCCAAGC
432		AGCGGGATCCCAGAGTTTCGAAAA	TTTTCGAAACTCTGGGATCCCGCT
433		GAGCTTGAGAGCGAGGTCATCCTC	GAGGATGACCTCGCTCTCAAGCTC
434		GCATCGGCCGTTTTGACCATATTC	GAATATGGTCAAAACGGCCGATGC

435	CATAGCGCTGCACGTTTCGACCGC	GCGGTCGAAACGTGCAGCGCTATG
436	ACCCGACAACCACCAATTCAAAAA	TTTTTGAATTGGTGGTTGTCGGGT
437	GCGAACACTCATAAGAGCGCCCTG	CAGGGCGCTCTTATGAGTGTTCGC
439	CCGCCGAGTGTAGAGAGACTCCGA	TCGGAGTCTCTCTACACTCGGCGG
440	GACATCGGGAGCCGGAAACATGAG	CTCATGTTTCCGGCTCCCGATGTC
441	TCGTGTAGACTCGGCGACAGGCGT	ACGCCTGTCGCCGAGTCTACACGA
442	ATGCGCATATACTGACTGCGCAGG	CCTGCGCAGTCAGTATATGCGCAT
443	ACAAGCGAACCCGAGTTTTGATGA	TCATCAAAACTCGGGTTCGCTTGT
444	GCATGAGACTCCGCGAAGACATGT	ACATGTCTTCGCGGAGTCTCATGC
445	TCCTACATGTCGCGTCACGATCAC	GTGATCGTGACGCGACATGTAGGA
446	GACCGATCGCGAAGTCGTACACAT	ATGTGTACGACTTCGCGATCGGTC
447	GTCGCCAGGACTGGGCCGATGTGA	TCACATCGGCCCAGTCCTGGCGAC
448	ACCGATAAGACTTGCATCCGAACG	CGTTCGGATGCAAGTCTTATCGGT
449	TCCATAACCAGTCCGAAGTGCCGG	CCGGCACTTCGGACTGGTTATGGA
450	ACGCGCCCTGCATCTCGTATTTAA	TTAAATACGAGATGCAGGGCGCGT
451	AGACCGCATCAATTGGCGCGTACC	GGTACGCGCCAATTGATGCGGTCT
452	AGAGGCTTGGCAAGTAGGGACCCT	AGGGTCCCTACTTGCCAAGCCTCT
453	GCAATGGACGCCAGACGATACCGG	CCGGTATCGTCTGGCGTCCATTGC
454	GCTGGACTTAGTCGTGTTCGGCGG	CCGCCGAACACGACTAAGTCCAGC
455	AGGCATCGTGCCGGATTGCTCCCT	AGGGAGCAATCCGGCACGATGCCT
456	TGCGCATGTCGACGTTGAACAAAG	CTTTGTTCAACGTCGACATGCGCA
459	TTCGGGTCACATCCGATGCCATAC	GTATGGCATCGGATGTGACCCGAA
460	ACCCATCGCCGGAAAGCGATGTTG	CAACATCGCTTTCCGGCGATGGGT
461	AAGCGCTGACTCGGCTAAGAATCA	TGATTCTTAGCCGAGTCAGCGCTT
462	ACTTCCAAGTCCTTGACCGTCCGA	TCGGACGGTCAAGGACTTGGAAGT
463	TCTCAATATTCCCGTAGTCGCCCA	TGGGCGACTACGGGAATATTGAGA
464	AACAGTTCCTCTTTTTCCTGGCGC	GCGCCAGGAAAAAGAGGAACTGTT
465	CGTCCTCCATGTTGTCACGAACAG	CTGTTCGTGACAACATGGAGGACG
466	TGCGCAGACCTACCTGTCTTTGCT	AGCAAAGACAGGTAGGTCTGCGCA
467	ATGGACGGCTTCGCAGTCCTCCTT	AAGGAGGACTGCGAAGCCGTCCAT
468	TGAACGCTTTCTATGGGCCACGTA	TACGTGGCCCATAGAAAGCGTTCA
469	TGAACCCTGCCGCGAGCGATAACC	GGTTATCGCTCGCGGCAGGGTTCA
470	GTTCTTGCGCGATGAATCAGGACC	GGTCCTGATTCATCGCGCAAGAAC
471	AGGGTACGTGTCGCAGCTTCGCGT	ACGCGAAGCTGCGACACGTACCCT
472	ACCCTTGCTCCGCCATGTCTCTCA	TGAGAGACATGGCGGAGCAAGGGT
473	GGGACAAGGATTGAAGCTGGCGTC	GACGCCAGCTTCAATCCTTGTCCC
474	TGTCGTTGCTCCCGAGTACCATTG	CAATGGTACTCGGGAGCAACGACA
475	GTTGTCCGAGACGTTTGTGTCAGC	GCTGACACAACGTCTCGGACAAC

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477	GCTGGTGAACACTCACGAACCGCT	AGCGGTTCGTGAGTGTTCACCAGC
478	GCAGACAGGGCAAATCGGTGCAAA	TTTGCACCGATTTGCCCTGTCTGC
479	CCCATCACAACGAGTGGCGACTTT	AAAGTCGCCACTCGTTGTGATGGG
480	GCTTCTACAGCTGGCGTGCTAGCG	CGCTAGCACGCCAGCTGTAGAAGC
481	GAATGTGTGCCGACCATTCTAGCC	GGCTAGAATGGTCGGCACACATTC
482	CCAGCGGAAGTTAGAGCTCTGTGG	CCACAGAGCTCTAACTTCCGCTGG
483	TTTTTACCGACCACTCCATGTCGG	CCGACATGGAGTGGTCGGTAAAAA
484	GCGGCTATGTGATGACGGCCTAGC	GCTAGGCCGTCATCACATAGCCGC
485	AGTACACGGGCGTGTTAGCGCTCC	GGAGCGCTAACACGCCCGTGTACT
486	TCCTGTGTGGTGGCGCACTCCCAC	GTGGGAGTGCGCCACACACAGGA
487	CCAACTAACCAATCGCGCGGATGA	TCATCCGCGCGATTGGTTAGTTGG
488	AGTGAGTGACCAAGGCAGGAGCAA	TTGCTCCTGCCTTGGTCACTCACT
489	CATCTTTCGCGGAGTTTATTGCGG	CCGCAATAAACTCCGCGAAAGATG
490	CTTCGTCCGGTTAGTGCGACAGCA	TGCTGTCGCACTAACCGGACGAAG
491	CTCACGAAAACGTGGGCCCGAAAT	ATTTCGGGCCCACGTTTTCGTGAG
492	CGCAGCAGCTGAACTCTAGCATTG	CAATGCTAGAGTTCAGCTGCTGCG
493	AGGAGACATACGCCCAAATGGTGC	GCACCATTTGGGCGTATGTCTCCT
494	ATTGAGAACTCGTGCGGGAGTTTG	CAAACTCCCGCACGAGTTCTCAAT
495	CTCTTTGTAGGCCCAGGAGGAGCA	TGCTCCTCGGGCCTACAAAGAG
496	GCCGCAGGGTCGATAATTGGTCTA	TAGACCAATTATCGACCCTGCGGC
497	AAACGCCGCCCTGAGACTATTGGG	CCCAATAGTCTCAGGGCGGCGTTT
498	CTGAGTTGCCTGGAACGTTGGACT	AGTCCAACGTTCCAGGCAACTCAG
499	CGGATGGGTTGCAGAGTATGGGAT	ATCCCATACTCTGCAACCCATCCG
500	CTGACCTTTGGGGGTTAGTGCGGT	ACCGCACTAACCCCCAAAGGTCAG
501	GGAAATGAGAACCTTACCCCAGCG	CGCTGGGGTAAGGTTCTCATTTCC
502	AACGCATCGTCCGTCAACTCATCA	TGATGAGTTGACGGACGATGCGTT
503	TGGAGAGAGACTTCGGCCATTGTT	AACAATGGCCGAAGTCTCTCCA
504	TTGCGCTCATTGGATCTTGTCAGG	CCTGACAAGATCCAATGAGCGCAA
505	AGCGCGTTAAAGCACGGCAACATT	AATGTTGCCGTGCTTTAACGCGCT
506	AGCCAGTAAACTGTGGGCGGCTGT	ACAGCCGCCCACAGTTTACTGGCT
507	CGACTGATGTGCAACCAGCAGCTG	CAGCTGCTGGTTGCACATCAGTCG
508	GGTTGCTCATACGACGAGCGAGTG	CACTCGCTCGTCGTATGAGCAACC
10	GTCCAACGCGCAACTCCGATTCAA	TTGAATCGGAGTTGCGCGTTGGAC
11	TTGCCGCACCGTCCGTCATCTCAA	TTGAGATGACGGACGGTGCGGCAA
512	AGAACCTCCGCGCCTCCGTAGTAG	CTACTACGGAGGCGCGGAGGTTCT
513	AAAGGAGCTTTCGCCCAACGTACC	GGTACGTTGGGCGAAAGCTCCTTT
514	AGTGATTGTGCCACTCCACAGCTC	GAGCTGTGGAGTGGCACAATCACT
515	GCGATCGTCGAGGGTTGAGCTGAA	TTCAGCTCAACCCTCGACGATCGC
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516	GGGAGACAGCCATTATGGTCCTCG	CGAGGACCATAATGGCTGTCTCCC
517	GAGACGCTGTCACTCCGGCAGAAC	GTTCTGCCGGAGTGACAGCGTCTC
518	CCACCGGTCGCTTAAGATGCACTT	AAGTGCATCTTAAGCGACCGGTGG
519	CGGCATAACGTCCAGTCCTGGGAC	GTCCCAGGACTGGACGTTATGCCG
520	AAGCGGAACGGGTTATACCGAGGT	ACCTCGGTATAACCCGTTCCGCTT
521	TGCACACTAGGTCCGTCGCTTGAT	ATCAAGCGACGGACCTAGTGTGCA
522	AGGGAACCGCGTTCAAACTCAGTT	AACTGAGTTTGAACGCGGTTCCCT
523	GAATTACAACCACCCGCTCGTGTT	AACACGAGCGGGTGGTTGTAATTC
524	TTCAGTGCTCACGAAGCATGGATT	AATCCATGCTTCGTGAGCACTGAA
525	TTAGTTTGGCGTTGGGACTTCACC	GGTGAAGTCCCAACGCCAAACTAA
526	AATGCGACCTCGACGAGCCTCATA	TATGAGGCTCGTCGAGGTCGCATT
527	CCGAAACCGTTAACGTGGCGCACA	TGTGCGCCACGTTAACGGTTTCGG
528	TAAAGTAACAAGGCGACCTCCCGC	GCGGGAGGTCGCCTTGTTACTTTA
529	TAATGATTTTAGTCGCGGGGTGGG	CCCACCCGCGACTAAAATCATTA
530	GGCTACTCTAAGTGCCCGCTCAGG	CCTGAGCGGCACTTAGAGTAGCC
531	TGGCGGACGACTCAATATCTCACG	CGTGAGATATTGAGTCGTCCGCCA
532	GGGCGTTAGGCGTAATAGACCGTC	GACGGTCTATTACGCCTAACGCCC
533	GCCACCTTTAGACGGCGGCTCTAG	CTAGAGCCGCCGTCTAAAGGTGGC
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535	TAGCTCGTGGCCCTCCAAGCGTGT	ACACGCTTGGAGGGCCACGAGCTA
536	GTGTCGGCGCTATTTGGCCTTACC	GGTAAGGCCAAATAGCGCCGACAC
537	CCAGGGAAGCAACTGGTTGCCATT	AATGGCAACCAGTTGCTTCCCTGG
538	TTCCGAAACTAAGCCAGAACCGCT	AGCGGTTCTGGCTTAGTTTCGGAA
539	GCAAACCCGGTAACCCGAGAGTTC	GAACTCTCGGGTTACCGGGTTTGC
540	GCAAATGGCGTCATGCACGAACGT	ACGTTCGTGCATGACGCCATTTGC
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544	GCAAGTGTATCGCACAGTGCGATT	AATCGCACTGTGCGATACACTTGC
545	CCGACAAGGCCTCAATTCATTCTG	CAGAATGAATTGAGGCCTTGTCGG
546	GTCTCGTCTCAACTTTAAGGCGCG	CGCGCCTTAAAGTTGAGACGAGAC
547	ATCCAGAGATCCGTTTTGCAGCGT	ACGCTGCAAAACGGATCTCTGGAT
548	GTCACCAGGAGGGAAGTTTCACCC	GGGTGAAACTTCCCTCCTGGTGAC
550	TTCCGTCAGGCGGATCAACGGAAT	ATTCCGTTGATCCGCCTGACGGAA
551	ATGCCGGACACGCATTACACAGGC	GCCTGTGTAATGCGTGTCCGGCAT
552	TGGGCCGCTTGGCGCTTTCATAGA	TCTATGAAAGCGCCAAGCGGCCCA
553	CCTAGCGCGAGCTTTACTGACCAG	CTGGTCAGTAAAGCTCGCGCTAGG
554	TTGGCCAGGAATATGGTCTCGAGA	TCTCGAGACCATATTCCTGGCCAA
555	GTCTGCGGCCGACTTGCTATGCAT	ATGCATAGCAAGTCGGCCGCAGAC

556	AACTTGCTCATTCTCAAGCCGACG	CGTCGGCTTGAGAATGAGCAAGTT
557	ACGTCAGCGATTGTGGCGAAATAT	ATATTTCGCCACAATCGCTGACGT
558	ACGGCCTGCGTCAGCACATGCATC	GATGCATGTGCTGACGCAGGCCGT
559	ATACCTCCGCAGAACCATTCCGTT	AACGGAATGGTTCTGCGGAGGTAT
560	AGTTCGCGGTCCCACGATTCACTT	AAGTGAATCGTGGGACCGCGAACT
561	TGCTCAATTTGTGCAGAAAACGCC	GGCGTTTTCTGCACAAATTGAGCA
562	TTATCGCGAGAGACGACCGTGTCC	GGACACGGTCGTCTCTCGCGATAA
563	GACGCGACGTGAGTAGTGGAAGCG	CGCTTCCACTACTCACGTCGCGTC
564	ATGGTAGGGCATTGGGCTTTCCT	AGGAAAGCCCAATGCCCCTACCAT
565	CCAAATATAGCCGCGCGGAGACAT	ATGTCTCCGCGCGGCTATATTTGG
566	GCAAACCCTGATTGAATCGTGCCC	GGGCACGATTCAATCAGGGTTTGC
567	TAGCGTCTTGCGTGAAACCATGGG	CCCATGGTTTCACGCAAGACGCTA
568	CCACCCGACAGCGCTGGACTCTT	AAGAGTCCAGCGCTGTCGGGGTGG
569	ACGAGCACTGAAGGCTGCTTTACG	CGTAAAGCAGCCTTCAGTGCTCGT
570	CATATCAGCGTCGTCTAGCTCGCG	CGCGAGCTAGACGACGCTGATATG
571	TGATCCCGGACCGGCTAGACTAAT	ATTAGTCTAGCCGGTCCGGGATCA
572	GGCCCGACACTACAGGGTAATCA	TGATTACCCTGTAGTGTCGGGGCC
573	GGCTCCAGGGCGAGATTATGAATG	CATTCATAATCTCGCCCTGGAGCC
574	CAAAATCCGATGGGCGGAAAATTA	TAATTTTCCGCCCATCGGATTTTG
575	CACAGGCGCATAGGGAGCAAGCTA	TAGCTTGCTCCCTATGCGCCTGTG
576	TAGCTATTGCCCCGATGGGCTACT	AGTAGCCCATCGGGGCAATAGCTA
577	TGGTACGCGGTCCATAGCAAGTCG	CGACTTGCTATGGACCGCGTACCA
578	GACGCTGTGGCTCGGAAACTGTTC	GAACAGTTTCCGAGCCACAGCGTC
579	CCTGGGTTCGCCGCGTGGTAACTG	CAGTTACCACGCGGCGAACCCAGG
580	TTCCCGCGTAGCCCAACAGCTATA	TATAGCTGTTGGGCTACGCGGGAA
581	TTCGCGGATTGCTGCCGCATAACA	TGTTATGCGGCAGCAATCCGCGAA
582	AAAAATGGCACCGAAGTTGAGGCA	TGCCTCAACTTCGGTGCCATTTTT
583	CATTCCGCGCGAGTTGAAATCCAG	CTGGATTTCAACTCGCGCGGAATG
584	ACGCACGTTTTTTGGCACGGTTAA	TTAACCGTGCCAAAAAACGTGCGT
585	TGTCCATGACGTCGTTTCTCTGGT	ACCAGAGAAACGACGTCATGGACA
586	TCTCAGTCGGACTCGTATGCCAGA	TCTGGCATACGAGTCCGACTGAGA
587	CTCCAAACGCACACATCAAGCATC	GATGCTTGATGTGTGCGTTTGGAG
588	TTCAACCAAGCGGGGTGTTCGTGA	TCACGAACACCCCGCTTGGTTGAA
589	GGTGTCGGAGGGTGGTGACCTCGA	TCGAGGTCACCACCCTCCGACACC
590	AGCGCTTTTGGTCATGATTTGCAA	TTGCAAATCATGACCAAAAGCGCT
591	CCGAGGACTTACGTCTGCCCAGGA	TCCTGGGCAGACGTAAGTCCTCGG
592	GCCCAATCCAGTTCTTATGCGCCC	GGGCGCATAAGAACTGGATTGGGC
593	CGGGTTAACCCACGCAAGTTATGA	TCATAACTTGCGTGGGTTAACCCG
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594	TGATTAGCGCTCAATACACGCGTG	CACGCGTGTATTGAGCGCTAATCA
595	AAGGCAGACCTTTGGTTCGACTG	CAGTCGAACCAAAGGTCTGCCCTT
596	GCGCCACAAGATTCACATGTCATT	AATGACATGTGAATCTTGTGGCGC
597	GCCATGTTCAAGGGCCTTTCGAAG	CTTCGAAAGGCCCTTGAACATGGC
598	CGCGGTGTTTTGTCTAGGTGCCGG	CCGGCACCTAGACAAAACACCGCG
600	CAACATTGTGGTGGCACTCCATCC	GGATGGAGTGCCACCACAATGTTG
601	CGATACGCGCCGGTTTGTTAAATC	GATTTAACAAACCGGCGCGTATCG
602	GGCTATAAACGTGCGGACTGCTCC	GGAGCAGTCCGCACGTTTATAGCC
603	TGGGTAAATCACTATTGCGCGGTT	AACCGCGCAATAGTGATTTACCCA
604	GTCTTCATCGGCCCGCGCAAGCTA	TAGCTTGCGCGGGCCGATGAAGAC
605	GCGACACCCCTGTACTCTGATGC	GCATCAGAGTACAGGGTGTGTCGC
606	GTAGCAGGGTCCGCAAGACCAAGC	GCTTGGTCTTGCGGACCCTGCTAC
607	TCGCCAACGCAGGGTAACTGCCAT	ATGGCAGTTACCCTGCGTTGGCGA
608	ACTCCGAAGCTTCGAGCGGCACGA	TCGTGCCGCTCGAAGCTTCGGAGT
12	CATCGTCCCTTTCGATGGGATCAA	TTGATCCCATCGAAAGGGACGATG
13	GCACGGGAGCTGACGACGTGTCAA	TTGACACGTCGTCAGCTCCCGTGC
611	ATCATCCCACGGCAGAGTGAAGAG	CTCTTCACTCTGCCGTGGGATGAT
612	CGCTGGACTGGCCTATCCGAGTCG	CGACTCGGATAGGCCAGTCCAGCG
613	CGGTCTCAGCAACACTGTCGCAAA	TTTGCGACAGTGTTGCTGAGACCG
614	CGAACGTTCTCCGATGTAATGGCC	GGCCATTACATCGGAGAACGTTCG
615	ATACCGTGCGACAAGCCCCTCTGA	TCAGAGGGGCTTGTCGCACGGTAT
616	AGCTCATTCCCGAGACGGAACACC	GGTGTTCCGTCTCGGGAATGAGCT
617	TTTCATGCGGCCGTTGCAAATCAT	ATGATTTGCAACGGCCGCATGAAA
618	ACTCGAACGGACGTTCAATTCCCA	TGGGAATTGAACGTCCGTTCGAGT
619	CTGCATGGTGTGGGTGAGACTCCC	GGGAGTCTCACCCACACCATGCAG
620	CCGCGAGTGTGGATGGCGTGTTGA	TCAACACGCCATCCACACTCGCGG
621	AATGTGTCGGTCCTAAGCCGGGTG	CACCCGGCTTAGGACCGACACATT
622	TAAGACGAGCCTGCACAGCTTGCG	CGCAAGCTGTGCAGGCTCGTCTTA
623	GGCGTGGGAGGATAAGACGATGTC	GACATCGTCTTATCCTCCCACGCC
624	TGCTCCATGTTAGGAACGCACCAC	GTGGTGCGTTCCTAACATGGAGCA
625	CGGTGTTGGTCGGACTGACGACTG	CAGTCGTCAGTCCGACCAACACCG
626	CCGCGCGTATCTATCAGATCTGGG	CCCAGATCTGATAGATACGCGCGG
627	AAAGCATGCTCCACCTGGAGCGAG	CTCGCTCCAGGTGGAGCATGCTTT
628	ACTTGCATCGCTGGGTAGATCCGG	CCGGATCTACCCAGCGATGCAAGT
629	TGCTTACGCAGTGGATTGGTCAGA	TCTGACCAATCCACTGCGTAAGCA
630	ATGCAGATGAACAAATCGCCGAAT	ATTCGGCGATTTGTTCATCTGCAT
631	GCAATTCTGGGCCATGTATTCGTC	GACGAATACATGGCCCAGAATTGC
632	AGGGTTCCTTACGCGTCGACATGG	CCATGTCGACGCGTAAGGAACCCT

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633	GTGGAGCTAATCGCGAGCCTCAGA	TCTGAGGCTCGCGATTAGCTCCAC
634	TCGTAGTCTCACCGGCAATGATCC	GGATCATTGCCGGTGAGACTACGA
635	TTATAGCAGTGCGCCAATGCTTCG	CGAAGCATTGGCGCACTGCTATAA
636	CGAACAGTGCTGTCCGTCGCTCAA	TTGAGCGACGGACAGCACTGTTCG
637	TCCGCGTGGACTGTTAGACGCTAT	ATAGCGTCTAACAGTCCACGCGGA
638	CATTAGCCCGCTGTCGGTAACTGT	ACAGTTACCGACAGCGGGCTAATG
639	GGAAAGAAACTCAGACGCGCAATG	CATTGCGCGTCTGAGTTTCTTTCC
640	CGACTCGCTGGACAGGAGAATCGT	ACGATTCTCCTGTCCAGCGAGTCG
641	CATGATCCTCTGTTTCACCCGCGG	CCGCGGGTGAAACAGAGGATCATG
642	GGCGTAGCGCTCTAAAAGCTTCGG	CCGAAGCTTTTAGAGCGCTACGCC
643	AGTGATGCCATCAGGCCCGTATAC	GTATACGGGCCTGATGGCATCACT
644	TATGGAAAGGGCAACAGCGCTATC	GATAGCGCTGTTGCCCTTTCCATA
645	CTGTGGTTGATGGAGGATCCACAC	GTGTGGATCCTCCATCAACCACAG
646	ACTCGCTGGAATTTGCGCTGACAC	GTGTCAGCGCAAATTCCAGCGAGT
647	CAGGCCCGAACCACGCGGTTACAG	CTGTAACCGCGTGGTTCGGGCCTG
648	GGCGCAATGGGCGCATAAATACTA	TAGTATTTATGCGCCCATTGCGCC
649	GGTCAATTCGCGCTACATGCCCTA	TAGGGCATGTAGCGCGAATTGACC
651	GATGGTGGACTGGAGCCCTTCCGC	GCGGAAGGGCTCCAGTCCACCATC
652	CCGCGCATAGCGCAATAGGGGAGA	TCTCCCCTATTGCGCTATGCGCGG
653	TCTTCTGGCTGTCCGGCACCCGAA	TTCGGGTGCCGGACAGCCAGAAGA
654	GCGTTCGCAATTCACGGGCCCTTA	TAAGGCCCGTGAATTGCGAACGC
655	TCGTTTCGGCCTTGGAGAGTATCG	CGATACTCTCCAAGGCCGAAACGA
656	AGGTGCAAGTGCAAGGCGAGAGGC	GCCTCTCGCCTTGCACCT
657	CGCCAGTTTCGATGGCTGACGTTT	AAACGTCAGCCATCGAAACTGGCG
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659	GTGCTTGACGAAGAGGCGAAATGT	ACATTTCGCCTCTTCGTCAAGCAC
660	CAGTCCGTGCGCTTCATGTCCTCA	TGAGGACATGAAGCGCACGGACTG
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662	GGCGAGTCTTGTGGGGACATGTGT	ACACATGTCCCCACAAGACTCGCC
663	CCAAAGCGAAGCGAGCGTGTCTAT	ATAGACACGCTCGCTTCGCTTTGG
664	GCCGTAGGTTGCTCTTCACCGAAC	GTTCGGTGAAGAGCAACCTACGGC
665	AAATCCGCGATGTGCCGTGAGGCT	AGCCTCACGGCACATCGCGGATTT
666	GGCTTCGCACCCGTACCAATTTAG	CTAAATTGGTACGGGTGCGAAGCC
667	TGTAGAGTCCCACGTAGCCGGCAT	ATGCCGGCTACGTGGGACTCTACA
668	CACTAGTCTGGGGCAAGGTGCATT	AATGCACCTTGCCCCAGACTAGTG
669	TGTACTCGGCAGGCGCAATAGATT	AATCTATTGCGCCTGCCGAGTACA
670	AACGGGTATCGGAAGCGTAAAAGC	GCTTTTACGCTTCCGATACCCGTT
671	CGGACTGCCCGTTTGCAAGTTGAG	CTCAACTTGCAAACGGGCAGTCCG

672	ATCGTTCAGCACTGGAGCCCGTAA	TTACGGGCTCCAGTGCTGAACGAT
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674	TTCCAGGCATTAAGGAGAGGGAGC	GCTCCCTCTCCTTAATGCCTGGAA
675	GTGCGACATCTACTCCACGATCCC	GGGATCGTGGAGTAGATGTCGCAC
676	CTCATCGTCCTAACACGAGAGCCC	GGGCTCTCGTGTTAGGACGATGAG
677	AATGGCACTTCGGCGGTGATGCAA	TTGCATCACCGCCGAAGTGCCATT
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680	TTGCTCTTATCCTTGTCCTGGGCG	CGCCCAGGACAAGGATAAGAGCAA
681	TTAAGGATCAGGCGGAGCTTGCAG	CTGCAAGCTCCGCCTGATCCTTAA
682	CGCGACTAAGGTGCTGCAACTCGA	TCGAGTTGCAGCACCTTAGTCGCG
683	GCTCGATTTCACGGCCCGTTGTTC	GAACAACGGGCCGTGAAATCGAGC
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685	TGGAGGTGAGGACGTGCACTA	TAGTGCACGTCGTCCTCACCTCCA
686	AACCGTTTAGGGTACATTCGCGGT	ACCGCGAATGTACCCTAAACGGTT
687	TATGATCGCTCGGCTCACAGTTTG	CAAACTGTGAGCCGAGCGATCATA
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689	TGTCGGTTATTCCACCTGCAAGGA	TCCTTGCAGGTGGAATAACCGACA
690	CTATGGTTTGCACTGCGCCGTCGA	TCGACGCCCAGTGCAAACCATAG
691	AGCAGGGAAATTCAATCGTTCGCA	TGCGAACGATTGAATTTCCCTGCT
692	CCTAACCGAGCGCTTAGCATTTCC	GGAAATGCTAAGCGCTCGGTTAGG
693	CCCGACCCTAACTCGCATTGAATA	TATTCAATGCGAGTTAGGGTCGGG
694	TTGCTTAATGGTGACGCCACGGAT	ATCCGTGGCGTCACCATTAAGCAA
695	GATGCTCGCCGTGTTTAGTTCACG	CGTGAACTAAACACGGCGAGCATC
696	TCGGATGACGAGTTTCCATGACGG	CCGTCATGGAAACTCGTCATCCGA
697	ATGCGGTCTACTTTCTCGATCGGG	CCCGATCGAGAAAGTAGACCGCAT
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700	GTGACCGCGAACTTGTTCCGACAG	CTGTCGGAACAAGTTCGCGGTCAC
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703	TCGCTCCGTAGCGATTCATCGTAG	CTACGATGAATCGCTACGGAGCGA
704	TGTCAGCTGGTAGCCTCCGTTTGA	TCAAACGGAGGCTACCAGCTGACA
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14	AGACGCACCGCAACAGGCTGTCAA	TTGACAGCCTGTTGCGGTGCGTCT
15	CGTGTAGGGGTCCCGTGCTGTCAA	TTGACAGCACGGGACCCCTACACG
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709	TGATTAGGTGCGGTCCCGTAGTCC	GGACTACGGGACCGCACCTAATCA

710	AAGGGACCTTGGGTGACGGCGAGA	TCTCGCCGTCACCCAAGGTCCCTT
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712	CTCCGACGACCAATAAATAGCCGC	GCGGCTATTTATTGGTCGTCGGAG
713	GGCTATTCCCGTAGAGAGCGTCCA	TGGACGCTCTCTACGGGAATAGCC
714	TGGATAACCTCTCGGTCCATCCAC	GTGGATGGACCGAGAGGTTATCCA
715	GACCGCTGTACGGGAGTGTGCCTT	AAGGCACACTCCCGTACAGCGGTC
716	GCCACAGAGTTTTAGCAGGGACCC	GGGTCCCTGCTAAAACTCTGTGGC
717	CCCACGCTTTCCGACCACTGACCT	AGGTCAGTGGTCGGAAAGCGTGGG
718	CATTGACACAATGCGGGGACTGAT	ATCAGTCCCCGCATTGTGTCAATG
719	AGCCACTCGACAGGGTTCCAAAGC	GCTTTGGAACCCTGTCGAGTGGCT
720	CAGGATGAGCAAAGCGACTCTCCA	TGGAGAGTCGCTTTGCTCATCCTG
721	CAAGGTATGGTCTGGGGCCTAAGC	GCTTAGGCCCCAGACCATACCTTG
722	GGTGTTCGGCCTAAACTCTTTCGG	CCGAAAGAGTTTAGGCCGAACACC
723	TTTAGTCGGACCCTGTGGCAATTC	GAATTGCCACAGGGTCCGACTAAA
724	CACACGTTTCCGACCAGCCTGAAC	GTTCAGGCTGGTCGGAAACGTGTG
725	CTGGACGAACTGGCTTCCTCGTAC	GTACGAGGAAGCCAGTTCGTCCAG
726	TTCACAATCCGCCGAAAACTGACC	GGTCAGTTTTCGGCGGATTGTGAA
727	AACAGGATATCCGCGATCACGACA	TGTCGTGATCGCGGATATCCTGTT
728	TACGTCGGATCCATTGCGCCGAGT	ACTCGGCGCAATGGATCCGACGTA
729	CATGGATCTCTCGGTTTGATCGCC	GGCGATCAAACCGAGAGATCCATG
730	AGCCAGGCGCGTATATACGCTCGG	CCGAGCGTATATACGCGCCTGGCT
731	ATTTGGCACGTGTCGTGCCATGTT	AACATGGCACGACACGTGCCAAAT
732	CCGCGTTGCACCACTTTGAGGTGC	GCACCTCAAAGTGGTGCAACGCGG
733	TTGGACGTGACAAGCATGGCGCTC	GAGCGCCATGCTTGTCACGTCCAA
734	CTGAATCGCGCAAGTAAATGGGGG	CCCCATTTACTTGCGCGATTCAG
735	GATAAGGTCCACCAGATTGCGCGC	GCGCGCAATCTGGTGGACCTTATC
736	CTAACAATTGCCAACCGGGACGGC	GCCGTCCCGGTTGGCAATTGTTAG
737	GGTAACCTGGGTGCTTGCAGGTTA	TAACCTGCAAGCACCCAGGTTACC
738	ATCGGAGCCACCATTCGCATTGGG	CCCAATGCGAATGGTGGCTCCGAT
739	GTGAACTGGCTTGCCCCAGGATTA	TAATCCTGGGGCAAGCCAGTTCAC
740	AGGCGATAGCATGGTCCCATATGA	TCATATGGGACCATGCTATCGCCT
741	AACGGTATCGTGGCTAATGCACGA	TCGTGCATTAGCCACGATACCGTT
742	AGTAGTGGTCCTCCAGATCGGCAA	TTGCCGATCTGGAGGACCACTACT
743	CCGTTGAATTGGACGGGAGGTTAG	CTAACCTCCCGTCCAATTCAACGG
744	GCATAAGTGCGGCATCGCGAAGGG	CCCTTCGCGATGCCGCACTTATGC
745	CGACAAGATGCAGCTGCTACATGC	GCATGTAGCAGCTGCATCTTGTCG
746	TCGCAGTGATTCCCGACCGATAAG	CTTATCGGTCGGGAATCACTGCGA
747	CAAGGCGAGTCCACTCGAGGGGAC	GTCCCTCGAGTGGACTCGCCTTG

748 GCAACTTGCACGGCATAAGTGGCC GGCCACTTATGCCGTGCAAGTTGC 749 TCCGAGCTTGACGTTCGCGACGTC GACGTCGCGAACGTCAAGCTCGGA 750 AGCGCTGGCTTGCTGCCATCTC GAGATGGCAGACAGCCCAGCGCT 751 TTCATGTCGCTGAGTAACCCTCCG GCGAGGGTTACTCAGCGACATGAA 752 CGAACCGCTAATGCCCATTGTCAG CTGACAATGGCCATTTAGCGGTTCG 753 CACGGAAGGTGGGACAAATCGCCG CGCCGATTTGTCCACCTTCCGTG 754 CACAGATGGAGACAAACGCCGCTT AAGCCGGTTTGCCACCTTCCGTG 755 TTTTCCAACTGCCCATAACCC GGGTTATGTCCATCTGTG 755 TTTTCGCAACTGCTCCATAACCC GGGTTATGGAGCGAAACGTAACGT			· ·
750 AGGGCTGGCTGTGCTGCCATCTC GAGATGGCAGCACAGCCCAGCGCT 751 TTCATGTCGCTGAGTAACCCTCGC GCGAGGGTTACTCAGCGACATGAA 752 CGAACCGCTAATGCCCATTGTCAG CTGACAATGGGCATTAGCGGTTCG 753 CACGGAAGGTGGAACAACCCCG CGGCGATTTGTCCACCTTCCGTG 754 CACAGATGGAGACAAACGCCGCCTT 755 TTTTCGCAACTCGCTCCATAACCC GGGTATTGAGCGGATTCCATCTGTG 756 ACGTTACGTTTCCGGCGCCTCTAA 757 TATCGGATTGCGGGGGTTTCAATC 757 TATCGGATTGCGTGCGACCACC GGGTTATGAACCCACCACATCCGATA 758 CTTCCACAATTGTCTGCGACCACC GTGCGTCACCCACATCCGATA 759 TGCACAAATGTCTGCGACCAC GTGCGTCACCACTCCGATA 750 TCCGATGCAGTTCCAGCC GCCGGAACACATTGTGGAA 751 TCCGATGCAGTTCCGGC GCCGGACACCATACCTTTGTGCA 752 CTGAAACCGTGCCATCTTAAGA TCTTAAGATGGGACTGCGATA 753 CGGTGTTCCGCGATCCATCTTAAGA TCTTAAGATGGGACTGCACCGATCCGAT	748	GCAACTTGCACGGCATAAGTGGCC	GGCCACTTATGCCGTGCAAGTTGC
TELEVISION DE CONTROLL DE CONT	749	TCCGAGCTTGACGTTCGCGACGTC	GACGTCGCGAACGTCAAGCTCGGA
752 CGAACCGCTAATGCCCATTGTCAG 753 CACGGAAGGTGGACAAATCGCCG 754 CACAGATGGAGACAAACGCGCCTT 755 CACGGAAGGTGGACAAACGCGCCTT 756 CACAGATGGAGACAAACGCGCCTT 757 TITTCGCAACTCGCGCGCCCTCATAACCC 758 ACGTTACGTTTCCGGCGCCCCTAAA 758 ACGTTACGTTTCCGGCGCCCCTCAA 759 TATCGGATTTCCGGCGCCCCTCAA 759 TATCGGATTGCTGCGACCAC 759 TGCACAAAGGTATGCTGCGACCAC 750 TGCACAAAGGTATGCTGCGACCAC 750 TGCACAAAGGTATGCTGCGACCAC 761 TCCGATGCCAGTCCATTCAAGA 762 CTGAAACCGTGCGAATCGATC 763 CGGTGTTCCGGCGCCTCTAAAAAAAAT 764 TCTAGCAGGCCTTTAAGAAAAAAT 765 TATCGAAACCGTGCGAACAATTGTGGAA 766 CGGTGTTCCGGCAAACAAAAAAT 767 TATCGAAACCGTGCGAAAAAAAT 767 TATCGAAACCGTGCGAATCGAGGAAAAAAT 768 CTTCCACAATTGTTGCGACCCAA 769 TCTAGCAGGCCTTTTAAGAAAAAAT 760 TCTTCTGTCACCTGAGACGCCAA 761 TCTAGCAGGCCTTTTGAAAAAAAT 762 CGGATGAAACCTTGAGAAAAAAT 763 CGGTATCACACCAAAAAAAAAAAAAAAAAAAAAAAAAAA	750	AGCGCTGGGCTGTGCCATCTC	GAGATGGCAGCACAGCCCAGCGCT
753 CACGGAAGGTGGGACAAATCGCCG CGGCGATTTGTCCCACCTTCCGTG 754 CACAGATGGAGACAAACGCGCCTT AAGGCGCGTTTGTCTCCATCTGTG 755 TTTTCGCAACTCGCTCCATAACCC GGGTTATGGAGCGAAACGTACGT 756 ACGTTACGTTTCCGGCGCCCTCTAA TTAGAGGCGCCGGAAACGTAACGT	751	TTCATGTCGCTGAGTAACCCTCGC	GCGAGGGTTACTCAGCGACATGAA
754 CACAGATGAGACAAACGCGCTT AAGGCGCGTTTGTCTCCATCTGTG 755 TTTTCGCAACTCGCTCCATAACCC GGGTTATGAGCGAGGTTGCGAAAA 756 ACGTTACGTTTCCGGCGCCTCTAA TTAGAGGCGCGGAAACGTAACGT	752	CGAACCGCTAATGCCCATTGTCAG	CTGACAATGGGCATTAGCGGTTCG
755 TITTCGCAACTCGCTCCATAACCC GGGTTATGAGCGAGTTGCGAAAA 756 ACGTTACGTTTCCGGCGCCTCTAA TTAGAGGCGCGGAAACGTAACGT	753	CACGGAAGGTGGGACAAATCGCCG	CGGCGATTTGTCCCACCTTCCGTG
756 ACGTTACGTTTCCGGCGCCTCTAA TTAGAGGCGCCGGAAACGTAACGT	754	CACAGATGGAGACAAACGCGCCTT	AAGGCGCGTTTGTCTCCATCTGTG
TATCGGATTGCGTGGGTTTCAATC TATCGGATTGCGTGGGTTTCAATC TATCGGATTGCGTGGGTTTCAATC TATCGGATTGCGTGGGTTCCGGC TGCACAAAGGTATGGCTGCCGCC TGCACAAAGGTATGGCTGCCGCC TCGAAACCCACCCAATCCTTTAAGA TCTTAAGATGGGACTGCATCGGA TCCGATGCCAGTCCCATCTTAAGA TCTTAAGATGGGACTGGCATCGGA TCACCTCGATTCCGACGGTTCAGGA TCACCTCGATTCCGACGGTTCAGGA TCACCTCGATTCCGACGGTTCAGAAAAAAT TCTTAAGATTGGCACGGGAACACCG TGCGGTTTCCGCGTGTCGAAAAAAAT TCTTACCACGGGGAACACCGG TGCGATTCAAAAGGCCTTCTAGAA TCTAGCAGGCCTTTTGAATCGCCA TGCGGATTCAAAAGGCCTGCTAGA TGCTGCTCCAGAGGTGACTCAAAAAAT TTTTTCGACACGCGGAACACCG TGCGGATCACACTCTGAGACGGACGCAA TGCTGCTCCAGAGGTGACTC TGCGGATCACCTCTGAGACGGACGCAA TGCTGCTCCAGAGGTGACTC TGCGGATGAAACCTGAAAGGGGCCT TGGCGTTCAGAGTTCATCCGC TGGCGATGAAACCTGAAAGGGGCCT TGAGGGCCCCAAACTGGTATCAAGCC TGAGGCCCCAAACTGGTATCAAGCC TGAGACCTCACAGTTTGGGGCCCCC TGAGACCCTCACAGTTTGAGGCCCCT TACACCCATTGCTCCCGCTGCAGT TACACCCATTGCTCCCGCTGCAGT TACACCACTTGCTCCCGCTGCAGT TACACCACTTGCTCCCGCTGCAGT TACACCACTTGCACTCCGCCTCCCC TGAGACCCTCACAGTTCATCCACCCTCCC TTACATCCCTGTAGCACGCCTCCC TGAGCCCCCAAATACCGGATCCACACTCCACAGTTCATCATCTTCACCTCCCCCATTCCACGCCCCCCCC	755	TTTTCGCAACTCGCTCCATAACCC	GGGTTATGGAGCGAGTTGCGAAAA
758 CTTCCACAATTGTCTGCGACGCAC 759 TGCACAAAGGTATGGCTGTCCGGC GCCGGACAACCCTTTGTGCAA 761 TCCGATGCCAGTCCCATCTTAAGA TCTTAAGATGGACTGGCATCGGA 762 CTGAAACCGTGCGAATCGAGGTGA TCACCTCGGACCATCCGTTCAGGA 763 CGGTGTTCCGCGTGTCGAAAAAAT ATTTTTCGACACGCGGAACACCG 764 TCTAGCAGGCCTTTTGAATCGCCA TGGCGATTCAAAAGGCCTGCTAGA 765 GAGTCACCTCTGAGACGACGCCA TGGCGTTCAGAAGGACACCG 766 TCTTCTGTCATCCTGCAGCAGCACT ATGCTGCAGGATGACACGAAGACACCG 768 GGGGCCCCAAACTGGTATCAAGCC GGCTTCAGAGTGACCCC 769 GCATTGGCTTCGGATTCCTCACA TGTAGAACCCAGTTTGGGCCCCC 770 AGGCGCCCCAACTGTGAGGTCTTT CAAGACCTCACAGTTGGGCCCCT 771 ACACCATGTTCCTCCGCGTTCCAAAACCTCACAGTTGGGCCCCCT 772 ACGATGAACCTGAGAGGTCCT CAACCCAGTTCATCCTTCATCCTTCACATGTTCATCCTTCACATGTCCTCCGCAGACACACTGTTCACACTTCACACTTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTTCACACTCACACTTCACACTCACACTTCACACTCACACTTCACACTCACACTTCACACTCACACTTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACTCACACACACACACACACACACACACACACACACACACACA	756	ACGTTACGTTTCCGGCGCCTCTAA	TTAGAGGCGCCGGAAACGTAACGT
TGCACAAAGGTATGGCTGTCCGGC GCCGGACAGCCATACCTTTGTGCA T61 TCCGATGCCAGTCCCATCTTAAGA TCTTAAGATGGGACTGGCATCGGA T62 CTGAAACCGTGCGAATCGAGGTGA TCACCTCGGATTCGCACGGTTTCAG T63 CGGTGTTCCGCGTGTCGAAAAAAT ATTTTTCGACACGCGGAACACCG T64 TCTAGCAGGCCTTTTGAATCGCCA TGGCGATTCAAAAGGCCTGCTAGA T65 GAGTCACCTCTGAGACGGACGCCA TGGCGTTCAAAAGGCCTGCTAGA T66 TCTTCTGTCATCCTGCAGCAGCAT ATGCTGCAGGGTGACTC T66 TCTTCTGTCATCCTGCAGCAGCAT ATGCTGCAGGGTGACTC T68 GGGGCCCCAAACTGGTATCAAGCC GGCTTGCAGGATGACAGAAGA T67 GCGGATGAAACCTGAAAGGGGCCT AGGCCCCTTTCAGGTTTCATCCGC T68 GGGCCCCAAACTGGTATCAAGCC GGCTTGATACCAGTTTGGGCCCCC T69 GCATTGGCTTCCGAGTTCTCCTACA TGTAGGAGAATCCGAAGCCAATGC T70 AGGCGGCCCAACTGTGAGGTCTTG CAAGACCTCACAGTTGGGCCGCCT T71 ACACCATGTGCTCCGCGCTGCAGT ACTGCAGCGGGAGCACATGGTGT T72 ACGATGAACATGAATCGGGAGTCG CGACTCCCGATTCATGTTCATCGT T73 CTGCATCCCTGTAGCAGCGCTCCG CGGAGCGCTGCTACAGGGATGCAG T74 GTGCCGTATTTCGACCTGTGCGTT AACGCACAGGTCGAAATACCGCAC T75 GCAGTGCGCACTTCAGTTCAAAAG CTTTTGAACTGAAATACGGCAC T76 GCGATTTTAAGCGATGCCTTGACG CGTCAAGGCATGCCTCACAGTTAAAATCGC T77 TAGGTGACCTAGGCTTGCTGCGG CGCCACAGGCAAGGCA	757	TATCGGATTGCGTGGGTTTCAATC	GATTGAAACCCACGCAATCCGATA
761 TCCGATGCCAGTCCCATCTTAAGA 762 CTGAAACCGTGCGATCGAGATCGAGGTGA 763 CGGTGTTCCGCGATCGAAAAAAAT ATTTTTCGACACGCGGAACACCG 764 TCTAGCAGGCCTTTTGAATCGCCA 765 GAGTCACCTCTGAGACGGCCA TGGCGATTCAAAAGGCCTGCTAGA 766 TCTTCTGTCATCCTGCAGCAGCACACAC 767 GCGATGCAAAACCTGAAAAGGGCCT 768 GGGCCCCAAACCTGTAAAGGGCCT 768 GGGCCCCAAACCTGTAAAGGGCCT 769 GCATTGGCTTCCGAGACGGACCC 769 GCATTGGCTTCCGAGTTCCACA 770 AGGCGCCCAACTGTGAGGTTTC 771 ACACCATGTGCTCCGCGCTGCAGT 772 ACGATGACATCGGCAGT 773 CTGCATCCCTGTAGCAGCGCTCC 774 GTGCCGTATTCCACCTCCGCCTGCAGT 775 GCAGTGCCCTTTCAGCTTCACA 776 GCGATTTTCACCGC 777 ACGCTCCCTGTAGCAGCTCC 777 ACCCATCCCTGTAGCAGCCTCC 778 CTGCATCCCTGTAGCAGCTCC 779 CCCCTTACAGCTTCCACA 776 GCGATTTTAAGCCTTCCGCCTTCC 777 TAGGTGCCCCCTTCAGTTCAAAAG 778 CTGCATCCCTGTGCGTT 778 CTGCATCCCTGTGCGTT 778 CTGCATCCTGCGCCTTGCCG 779 CCCCTTACAGCTTCCTCCGC 779 CCCCTTACGCTTGCCGCCCT 780 GCGCTTGCCTGCGCCCC 781 TTTCTTCACCCTTTACCCCCCCCCCCCCCCCCCCCCCC	758	CTTCCACAATTGTCTGCGACGCAC	GTGCGTCGCAGACAATTGTGGAAG
762 CTGAAACCGTGCGAATCGAGGTGA 763 CGGTGTTCCGCGTGTCGAAAAAAT 764 TCTAGCAGGCTTTTGAATCGCA 765 TCTAGCAGGCCTTTTGAATCGCA 766 TCTTCTGTCATCCTGCAGCGGACGCCA 767 TCTCTGTCATCCTGCAGCGACGCCA 768 TCTCTCTTCATCCTGCAGCAGCCA 769 GCGATGAAACCTGCAAAGGCCC 769 GCATTGGCTTCCAGACGGACCC 770 AGGCGGCCCAACTGGTATCAACC 771 ACACCATGTTCCGCACCACT 772 ACGATGACACTGCAGCTTCCACACTTCCTCCAGAGCCCC 773 CTGCATCCCGCCTGCAGCTTCCTCACA 774 GTGCCTCCTGCAGCAGCTT 775 CTGCATCCTGCAGCAGCTT 776 CTGCATCCTGCAGCAGCCT 777 ACACCATGTTCCTCCACC 777 ACACCATGTTCCTCCTCCCC 778 CTGCATCCCTGCAGCTTCCCCCCTTCACATTGTTCATCCT 779 CTGCATCCCTGTAGCAGCCCCC 770 CTGCATCCCTGCAGCTCCCC 771 ACACCATGTGCTCCGCCTCCCC 772 ACGATGACACTGTAGCAGCCCCC 773 CTGCATCCCTGTAGCAGCCCCC 774 GTGCCGTATTCCACCTGTGCGTT 775 CTGCATCCCTGTAGCAGCCCTCCC 776 GCATTTTCACCCTGTGCGTT 776 ACGCCGCACTTCAGTTCAAAAG 777 TAGGTGCCACCTTCAGTTCAAAAG 777 TAGGTGCCCACTTCAGTTCAAAAG 778 CTGCATTCTAGCTTCCACCC 778 CTGCATCCTGTCCTGCCCC 779 CCCCTTACGCCTGCGCCC 770 CCCCTTACGCCTGCGCCC 771 TAGGTGACCTTGCCGCCC 772 CCCCTTACGCCTGCTCTATCC 773 CTGCATCCTGTCCTGCCCC 774 CTGCATCCTGTCCTGCCCC 775 CCCCTTACGCCTGCTCTACCC 776 CCCCTTACGCCTGCTCTACCC 777 TAGGTGACCTTGCCTGCCCC 778 CTGCATCCCTGTCCTGCCC 778 CTGCATCCCTGTCCTGCCCC 778 CTGCATCCCCGATCCATCACCCC 778 CTGCATCCCCGATCCATTA 778 CTGCATCCCCCAACCCCTCACCCC 777 TAGCTGACCCCAACCCCTTACCCCCCCCCCAACCCCCTAACCCCC 777 TAGCTGACCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	759	TGCACAAAGGTATGGCTGTCCGGC	GCCGGACAGCCATACCTTTGTGCA
763 CGGTGTTCCGCGTGTCGAAAAAAT ATTTTTTCGACACCGGAACACCG 764 TCTAGCAGGCCTTTTGAATCGCA TGGCGATTCAAAAGGCCTGCTAGA 765 GAGTCACCTCTGAGACGGACGCCA TGGCGTCCGTCTCAGAGGTGACTC 766 TCTTCTGTCATCCTGCAGCAGCAT ATGCTGCTGCAGGATGACAGAAGA 767 GCGGATGAAACCTGAAAGGGGCCT AGGCCCCTTTCAGGTTTCATCCGC 768 GGGCCCCAAACTGGTATCAAGCC GGCTTGATACCAGTTTGGGGCCCC 769 GCATTGGCTTCCGGATTCTCCTACA TGTAGGAGAATCCGAAGCCAATGC 770 AGGCGGCCCAACTGTGAGGTCTTG CAAGACCTCACAGTTGGGCCCCT 771 ACACCATGTGCTCCGCGCTGCAGT ACTGCAGCGCGGAGCACATGCT 772 ACGATGAACATGAATCGGAGTCTG CGACTCCCGATTCATGTTCATCGT 773 CTGCATCCCTGTAGCAGCGCTCCG CGGAGCGCTGCTACAGGGATGCAG 774 GTGCCGTATTTCGACCTGTGCGTT AACGCACAGGTCGAAATACGGCAC 775 GCAGTGCGCACTTCAGTTCAAAAG CTTTTGAACTGAAGTGCGCACTGC 776 GCGATTTTAAGCCATGCCTTGACG CGTCAAGGCATCGCTTAAAATCGC 777 TAGGTGACCTTGAGTCAAAAG CTTTTGAACTGAAGTGCGCACTGC 778 CTGGATACCTTGCTTGCGG CCGCAAGCAAGCCTTAAAATCGC 779 CCCCTTACGGCTTGCTTGCGG CCGCAAGCAAGCCTAAGGGG 780 GCGCTTGCCTGTGCTGCTTATGC 780 GCGCTTGCCGATGCATTAAACGCACCCTAAGGGGATCCCTAAGGGGATCCCTAAGGGATCCCTAAGGGATCCCTAAGGGATCCCTAAGGGATCCCTTACGGCCCCAAGACAAGCCTAAGGGGAAGCCTAAGGGG 780 GCGCTTGCCCGATGCGTTCATTGC GCATAGACGACCAGGCAAGGCA	761	TCCGATGCCAGTCCCATCTTAAGA	TCTTAAGATGGGACTGGCATCGGA
TCTAGCAGGCCTTTTGAATCGCCA TGGCGATTCAAAAGGCCTGCTAGA TGTAGCAGGCCTTTTGAATCGCCA TGGCGTCCGTCTCAGAGGTGACTC TGGCGTCCGTCTCAGAGGTGACTC TGGCGTCCGTCTCAGAGGTGACTC TCTTCTGTCATCCTGCAGCAGCAT TGGCGTCCGTCTCAGAGGTGACTC TGGCGATGAAACCTGAAAGGGGCCT TGGCGCCCTTTCAGGTTTCATCCGC TGGGGCCCCAAACTGGTATCAAGCC TGTAGGAGAATCCGAAGCCAT TGTAGGAGAATCCGAAGCCAT TGTAGGAGAATCCGAAGCCAT TGTAGGAGAATCCGAAGCCATGC TTO AGGCGGCCCAACTGTGAGGTCTTG ACACCATGTGCTCCGCGCTGCAGT TTCAGCCGCGGAGCACATGGTGT TTCACCACTGTGAGATCCGCCGCTGCAGT TTCACCACTGTGACGCCGCGCTGCAGT TTCACCACTGTGAGCACCCCCCCCCC	762	CTGAAACCGTGCGAATCGAGGTGA	TCACCTCGATTCGCACGGTTTCAG
765 GAGTCACCTCTGAGACGGACGCCA TGGCGTCCGTCTCAGAGGTGACTC 766 TCTTCTGTCATCCTGCAGCAGCAT ATGCTGCTGCAGGATGACAGAAGA 767 GCGGATGAAACCTGAAAGGGGCCT AGGCCCCTTTCAGGTTTCATCCGC 768 GGGCCCCAAACTGGTATCAAGCC GGCTTGATACCAGTTTGGGCCCC 769 GCATTGGCTTCGGATTCTCCTACA TGTAGGAGAATCCGAAGCCAATGC 770 AGGCGGCCCAACTGTGAGGTCTTG CAAGACCTCACAGTTGGGCCGCCT 771 ACACCATGTGCTCCGCGCTGCAGT ACTGCAGCGCGGAGCACATGGTGT 772 ACGATGAACATGAATCGGGAGTCG CGACTCCCGATTCATGTTCATCGT 773 CTGCATCCCTGTAGCAGCGCTCCG CGGAGCGCTGCTACAGGGATGCAG 774 GTGCCGTATTTCGACCTGTGCGTT AACGCACAGGTCGAAATACGGCAC 775 GCAGTGCGCACTTCAGTTCAAAAG CTTTTGAACTGAAATCGGCAC 776 GCGATTTTAAGCGATGCCTTGACG CGCCACAGGCACTGCCTTAAAATCGC 777 TAGGTGACCTAGGCTTGCTTGCGG CCGCAAGCAAGCCTAAGTCACCTA 778 CTGGATACCTTGCCTGTCGGC CCGCAAGCAAGCCTAAGTCCCTA 779 CCCCTTACGGCTCGTCTTATCC GCCCACAGGCAAGGCA	763	CGGTGTTCCGCGTGTCGAAAAAAT	ATTITTCGACACGCGGAACACCG
TOTTCTGTCATCCTGCAGCAGCAT TOTTCAGCTGCAGCAGCAT TOTTCAGCTTCAGCTTCAGCTTCAGCTTCAGCAGAAGA TOTTCAGCTTCAGCTTCAGCTTCAGCTTCAGCTTCAGCC TOTTCAGGCCCCAAACTGGTATCAAGCC GCTTGATACCAGTTTGGGCCCC TOTTCAGGCTTCGGATTCTCCTACA TGTAGGAGAATCCGAAGCCAATGC TOTTCAGCCCCCAACTGTGAGGTCTTG CAAGACCTCACAGTTGGGCCGCCT TOTTCACCCCCCCCCCTCCAGT ACTGCAGCCAGCCACTGGTGT TOTTCACCCCTGTAGCAGCCCTCCC CGCCCGCTGCAGT ACTGCAGCCACACTGGTGT TOTTCACCCCTGTAGCAGCCCTCCC CGGAGCCGCTCACAGGTCAGCAGCCACTGGTGT TOTTCACCCCTGTAGCAGCCGCTCCC CGGAGCGCTGCTACAGGGATGCAG TOTTCAGCCCTGTAGCAGCCGCTCCC CGGAGCGCTGCAAATACGGCAC TOTTCAGCCCTGTAGCAGCCTCCG CGCAACCAGGTCGAAATACGGCAC TOTTCAGCCCTTCAGTTCAAAAG CTTTTGAACTGAAGTGCCCACTGC TOTTCAGCTCAGCTTGCTTGCGG CCGCAAGCAAGCCTAGGTCACCTA TOTTCAGCCCTGTGCGTTTAGCC CGCCCACAGGCAAGGTATCCAG TOTTCAGGCCTCGTCGTCTTATGC GCGCCGCACAGGCAAGGTATCCAG TOTTCAGCCCCGATGCGATGCATTA TAATGCATCGCATCAGGAAA TOTTCAGCCCCGATGCGATGCATTA TAATGCATCGCATCAGGAAA TOTTCAGACCTAGCGCTCGGGTTCA TGAACCCCAGGCCGCTTACAGAAA TOTTCAGACCTCCCCGATCCAGTCAATTA TAATGCATCGCATC	764	TCTAGCAGGCCTTTTGAATCGCCA	TGGCGATTCAAAAGGCCTGCTAGA
767 GCGATGAAACCTGAAAGGGGCCT 768 GGGCCCCAAACTGGTATCAAGCC 769 GCATTGGCTTCGGATTCTCCTACA 770 AGGCGCCCAACTGTGAGGTCTTG 771 ACACCATGTGCTCCGCGCTGCAGT 772 ACGATGACATCGGAGTCC 773 CTGCATCCCTGTAGAGCCGCTGCGGT 774 GTGCCGCGCTGCAGT 775 GCAGTGCGCCTGCAGT 776 GCGATTTCACACTGAGCCCTCCGCGCTCCGC 777 AACGCATGTAGAACCGCAGCCCCC 778 GCAGTGCCCTGTAGCAGCCCTCCG 779 GCAGTGCCCCTTCAGTTCAAAAG 770 GCGATTTTAAGCGATGCCTTGACAGCCCCCCC 770 GCGATTTAAGCGATGCCTTGACAGCCCTCCC 771 ACGCATCCCTGTAGCAGCCCTCCC 772 GCAGTGCCCCTTCAGTTCAAAAG 773 CTGCATCCCTGTAGCAGCCCTCCC 774 GTGCCGTATTTCGACCTTGCGGT 775 GCAGTGCGCACTTCAGTTCAAAAG 776 GCGATTTTAAGCGATGCCTTGACG 777 TAGGTGACCTAGGCTTGCTTGCGG 778 CTGGATACCTTGCCTGTGCGGCCC 778 CTGGATACCTTGCCTGTGCGGCCC 780 GCGCTTGCCCGATGCGTCATTA 780 GCGCTTGCCCGATGCGATCCATTA 781 TTTCTGTAAGCGGCCTGGGGTTCA 782 GGCTGAGGTGAGCGCTAGGACCCCTTACAGAAA 783 GCGCTGAGGTAGCGGTAAGGATGA 784 GGAGGTAACGCCGTTAATTTG 785 GTAATCCATTTGTGGCTCGTCAA 786 GCAAATTAGATCGGGGAGGCCAAAAC 787 CCCCTTACGCCTCCCCCGATCTAATTTG 788 CTAATCCATTTGTGGCTCCCCAAATTGCAAAA 789 GGAGGTAACGCCGTTAATTTG 780 CAAATTAGATCGGGGAGGCCAAAAA 781 TCTTGGCCTCCCCGATCTAATTTG 782 CAAATTAGATCGGGGAGGCCAAAAA 783 GGAGGTAACGCCGTGACGTAAATTTG 784 GGAGGTAACGCCGTGACGTAAATTTG 785 GTAATCCATTTGTGGCTCGCTCAA 786 GGAATCCATTTTGTGGCTGCGTCAA 787 TCTTACCACTTACCGCCAAAATGGATTAC 788 GTAATCCATTTTGTGGCTGCGTCAA 788 GGAATCCATTTTGTGGCTGCGTCAA 788 GGAATCCATTTTGTGGCTGCGTCAA 788 GTAATCCATTTGTGGCTGCGTCAA 789 TCTTGCCCAAAATGGATTAC 788 GTAATCCATTTGTGGCTGCGTCAA 789 TCTTGCCCAAAATGGATTAC 788 GTAATCCATTTGTGGCTGCGTCAA 789 TTTCTGACCCAAAATGGATTAC 789 GTAATCCATTTGTGCTGCGCCAAAATGGATTAC 789 TCTTGCCCAAATTGGCTGCAAAATGGATTAC	765	GAGTCACCTCTGAGACGGACGCCA	TGGCGTCCGTCTCAGAGGTGACTC
768 GGGCCCAAACTGGTATCAAGCC GGCTTGATACCAGTTTGGGGCCCC 769 GCATTGGCTTCGGATTCTCCTACA TGTAGGAGAATCCGAAGCCAATGC 770 AGGCGGCCCAACTGTGAGGTCTTG CAAGACCTCACAGTTGGGCCGCCT 771 ACACCATGTGCTCCGCGCTGCAGT ACTGCAGCGCGGAGCACATGGTGT 772 ACGATGAACATGAATCGGGAGTCG CGACTCCCGATTCATGTTCATCGT 773 CTGCATCCCTGTAGCAGCGCTCCG CGGAGCGCTGCTACAGGGATGCAG 774 GTGCCGTATTTCGACCTGTGCGTT AACGCACAGGTCGAAATACGGCAC 775 GCAGTGCGCACTTCAGTTCAAAAG CTTTTGAACTGAAGTGCGCACTGC 776 GCGATTTTAAGCGATGCCTTGACG CGCCAAGCAAGCCTAGGTCACCTA 778 CTGGATACCTTGCTTGCGG CCGCAAGCAAGCCTAGGTCACCTA 779 CCCCTTACGGCTGCTGTCTTGCG GCGCGCACAGGCAAGGTATCCAG 779 CCCCTTACGGCTCGTCTTATGC GCATAGACGACGAGCCGTAAGGGG 780 GCGCTTGCCCGATGCATTA TAATGCATCGCATCGGGCAAGCC 781 TTTCTGTAAGCGGCTCGTCATTA TAATGCATCGCATCG	766	TCTTCTGTCATCCTGCAGCAGCAT	ATGCTGCTGCAGGATGACAGAAGA
GCATTGGCTTCGGATTCTCTACA TGTAGGAGAATCCGAAGCCAATGC TO AGGCGGCCCAACTGTGAGGTCTTG ACACCATGTGCTCCGCGCTGCAGT ACTGCAGCGCGGAGCACATGGTGT ACACCATGTGCTCCGCGCTGCAGT ACTGCAGCGCGGAGCACATGGTGT ACACCATGTGACTCCGCGCTGCAGT ACTGCAGCGCGGAGCACATGGTGT ACACCATGTGCTCCGCGCTGCAGT ACTGCAGCGCGGAGCACATGGTGT ACGCATCACTGTAGCAGCGCTCCG CGAGCGCTGCTACAGGGATGCAG ACGCACAGGTCGAAATACGGCAC ACGCACAGGTCGAAATACGGCAC ACGCACAGGTCGAAATACGGCAC ACGCACAGGTCGAAATACGGCAC ACGCACAGGTCGAAATACGGCAC ACGCACAGGTCGAAATACGGCAC ACGCACAGGTCGAAATACGCC ACGCACAGGCACTTCAGTTCAAAAG CTTTTGAACTGAAGTGCGCACTGC CGCAAGCAAGCATCGCTTAAAATCGC ACGCACAGGCAAGCAAGCCTAGGTCACCTA ACGCACAGGCAAGCAAGCCTAGGTCACCTA CTTTGAAGCGATCCTTGACG CCGCAAGCAAGCAAGCCTAGGTCACCTA CCCCTTACGGCTCGTCTTATGC GCATAGACGACGAGCCGTAAGGGG ACCCCTTACGGCTCGTCTATGC GCATAGACCACGGCAAGCAAGCCTACGAAA ACGCACAGGCAAGCAAGCCTACGGCACCCTACAGGCACACCCTACAGAAA ACCCCAGGCCGCTTACAGAAA ACCCCAGGCCGCTTACACTCAGCC ACCCCAGCCCACAAATGGATTAC ACCCCAGCCACAAATGGATTAC ACCCCAGCCACAAATGGATTAC ACCCCAGCCACAAATGGATTAC ACCCCAGCCCACAAATGGATTAC ACCCCAGCCACAAATGGATTAC ACCCCAGCCCACAAATGGATTAC ACCCCAGCCCACAAATGGATTACCTCC ACCCCAGCCCACAAATGGATTAC ACCCCACACACACACACCCCCCCACAATGGATTACCTCCCACCCCCACAATGGATTACCTCCCCACACACA	767	GCGGATGAAACCTGAAAGGGGCCT	AGGCCCCTTTCAGGTTTCATCCGC
AGGCGGCCAACTGTGAGGTCTTG ACACCATGTGGCCGCCT ACACCATGTGCTCCGCGCTGCAGT ACACCATGTGCTCCGCGCTGCAGT ACGCTGCGCGGAGCACATGGTGT ACACCATGTGCTCCGCGCTGCAGT ACTGCAGCGCGGAGCACATGGTGT ACGCATCCCTGTAGCAGCGCTCCG CGACTCCCGATTCATGTTCATCGT ACGCTCCCTGTAGCAGCGCTCCG CGGAGCGCTGCTACAGGGATGCAG ACGCCACAGGTCGAAATACGGCAC ACGCCGCATTTCAGCTCCAGTTCAAAAG ACGCACAGGTCGAAATACGGCAC ACGCCACTTCAGTTCAAAAG ACGCACAGGTCGAAATACGGCAC ACGCCACAGCCACTGCCTTAAAATCGC ACGCCTTAAAATCGC ACGCCACAGCCACTTCAGTTCAAAAG ACGCACAGGCATCGCTTAAAATCGC ACGCCTTAAAATCGC ACGCCACAGGCATCCCTTAAAATCGC ACGCCCCACAGGCAAGCCTAGGTCACCTA ACGCCACAGGCAAGCCTACAGGCACCTACAGACACCTACAGACACACCCTACAGCCCTACAGCACAGCCCTACAGGCACAGCCCTAAGGGG ACCCCTTACCGCTCGTCGTCTATGC ACCCCTTACGGCTCGTCTATGC ACCCCAGGCCGCTAAGGACACACCCCCCCCCC	768	GGGGCCCAAACTGGTATCAAGCC	GGCTTGATACCAGTTTGGGGCCCC
ACACCATGTGCTCCGCGCTGCAGT ACTGCAGCGGGAGCACATGGTGT ACGATGAACATGAATCGGGAGTCG CGACTCCCGATTCATGTTCATCGT CTGCATCCCTGTAGCAGCGCTCCG CGGAGCGCTGCTACAGGGATGCAG CTGCATCCCTGTAGCAGCGCTCCG CGGAGCGCTGCTACAGGGATGCAG CTGCGTATTTCGACCTGTGCGTT AACGCACAGGTCGAAATACGGCAC CTTTGAACTGAAGTGCGCACTGC CGCAGTTTTAAGCGATGCCTTGACG CGCAAGCAAGCCTAGGTTAAAATCGC CTTTTGAACTGAAGTGCGCACTGC CGCAAGCAAGCCTAGGTCACATA CTGGATACCTTGCCTGTGCGG CCGCAAGCAAGCCTAGGTCACCTA CTGGATACCTTGCCTGTGCGGCGC CGCCAAGCAAGCCTAGGTCACCTA CCCCTTACGGCTCGTCTTATGC CCCCTTACGGCTCGTCTATGC CCCCTTACGGCTCGTCTTATA CTATGCATCGCATC	769	GCATTGGCTTCGGATTCTCCTACA	TGTAGGAGAATCCGAAGCCAATGC
ACGATGAACATGAATCGGGAGTCG CGACTCCCGATTCATGTTCATCGT 773 CTGCATCCCTGTAGCAGCGCTCCG CGGAGCGCTGCTACAGGGATGCAG 774 GTGCCGTATTTCGACCTGTGCGTT AACGCACAGGTCGAAATACGGCAC 775 GCAGTGCGCACTTCAGTTCAAAAG CTTTTGAACTGAAGTGCGCACTGC 776 GCGATTTTAAGCGATGCCTTGACG CGTCAAGGCATCGCTTAAAATCGC 777 TAGGTGACCTAGGCTTGCTTGCGG CCGCAAGCAAGCCTAGGTCACCTA 778 CTGGATACCTTGCCTGTGCGGCGC GCGCCGCACAGGCAAGGTATCCAG 779 CCCCTTACGGCTCGTCTATGC GCATAGACGACGAGCCGTAAGGGG 780 GCGCTTGCCCGATGCGATGCATTA TAATGCATCGCATC	770	AGGCGGCCCAACTGTGAGGTCTTG	CAAGACCTCACAGTTGGGCCGCCT
CTGCATCCCTGTAGCAGCGCTCCG CGGAGCGCTGCTACAGGGATGCAG GTGCCGTATTTCGACCTGTGCGTT AACGCACAGGTCGAAATACGGCAC GCAGTGCGCACTTCAGTTCAAAAG CTTTTGAACTGAAGTGCGCACTGC GCGATTTTAAGCGATGCCTTGACG CGTCAAGGCATCGCTTAAAATCGC TAGGTGACCTAGGCTTGCTTGCGG CCGCAAGCAAGCCTAGGTCACCTA CTGGATACCTTGCCTGTGCGGCG CGCCCACAGGCAAGGTATCCAG CCCCTTACGGCTCGTCTATGC GCATAGACGACGAGCCGTAAGGGG GCGCTTGCCCGATGCGATG	771	ACACCATGTGCTCCGCGCTGCAGT	ACTGCAGCGCGGAGCACATGGTGT
T74 GTGCCGTATTTCGACCTGTGCGTT AACGCACAGGTCGAAATACGGCAC T75 GCAGTGCGCACTTCAGTTCAAAAG CTTTTGAACTGAAGTGCGCACTGC T76 GCGATTTTAAGCGATGCCTTGACG CGTCAAGGCATCGCTTAAAATCGC T77 TAGGTGACCTAGGCTTGCTTGCGG CCGCAAGCAAGCCTAGGTCACCTA T78 CTGGATACCTTGCCTGTGCGGCGC GCGCCGCACAGGCAAGGTATCCAG T79 CCCCTTACGGCTCGTCTTATGC GCATAGACGACGAGCCGTAAGGGG T80 GCGCTTGCCCGATGCGATGCATTA TAATGCATCGCATC	772	ACGATGAACATGAATCGGGAGTCG	CGACTCCCGATTCATGTTCATCGT
775 GCAGTGCGCACTTCAGTTCAAAAG CTTTTGAACTGAAGTGCGCACTGC 776 GCGATTTTAAGCGATGCCTTGACG CGTCAAGGCATCGCTTAAAATCGC 777 TAGGTGACCTAGGCTTGCTTGCGG CCGCAAGCAAGCCTAGGTCACCTA 778 CTGGATACCTTGCCTGTGCGGCGC GCGCCGCACAGGCAAGGTATCCAG 779 CCCCTTACGGCTCGTCTATGC GCATAGACGACGAGCCGTAAGGGG 780 GCGCTTGCCCGATGCGATGCATTA TAATGCATCGCATC	773	CTGCATCCCTGTAGCAGCGCTCCG	CGGAGCGCTGCTACAGGGATGCAG
776 GCGATTTTAAGCGATGCCTTGACG CGTCAAGGCATCGCTTAAAATCGC 777 TAGGTGACCTAGGCTTGCTGCGG CCGCAAGCAAGCCTAGGTCACCTA 778 CTGGATACCTTGCCTGTGCGGCGC GCGCCGCACAGGCAAGGTATCCAG 779 CCCCTTACGGCTCGTCTATGC GCATAGACGACGAGCCGTAAGGGG 780 GCGCTTGCCCGATGCGATGCATTA TAATGCATCGCATC	774	GTGCCGTATTTCGACCTGTGCGTT	AACGCACAGGTCGAAATACGGCAC
TAGGTGACCTAGGCTTGCTGCGG CCGCAAGCAAGCCTAGGTCACCTA TRACTGGATACCTTGCCTGTGCGGCGC GCGCCGCACAGGCAAGGTATCCAG TRACTGGCTCGTCGTCTATGC GCATAGACGACGAGCCGTAAGGGG TRACTGGCCTGGCCGATGCATTA TAATGCATCGCATCGGGCAAGCGC THICTGTAAGCGGCCTGGGGTTCA TGAACCCCAGGCCGCTTACAGAAA TRACTGGAGGTGAGCGGTAAGGATGA TCATCCTTACCGCTCACCTCAGCC TCTTGGCCTCCCCGATCTAATTTG CAAATTAGATCGGGGAGGCCAAGA TRACTGGAGGTAACGCCGTGTACGTAGGA TCCTACGTACACGGCGTTACCTCC TRACTGGAGGTAACGCCGTGTACGTAGGA TCCTACGTACACGGCGTTACCTCC TRACTGGAGGTAACGCCGTGTACGTAGGA TCCTACGTACACGGCGTTACCTCC TRACTGGAGGTAACGCCGTGTACGTAGGA TTGACGCAGCCACAAATGGATTAC	775	GCAGTGCGCACTTCAGTTCAAAAG	CTTTTGAACTGAAGTGCGCACTGC
778 CTGGATACCTTGCCTGTGCGGCGC GCGCCGCACAGGCAAGGTATCCAG 779 CCCCTTACGGCTCGTCTATGC GCATAGACGACGAGCCGTAAGGGG 780 GCGCTTGCCCGATGCGATGCATTA TAATGCATCGCATC	776	GCGATTTTAAGCGATGCCTTGACG	CGTCAAGGCATCGCTTAAAATCGC
779 CCCCTTACGGCTCGTCGTCTATGC GCATAGACGACGAGCCGTAAGGGG 780 GCGCTTGCCCGATGCGATGCATTA TAATGCATCGCATC	777	TAGGTGACCTAGGCTTGCTTGCGG	CCGCAAGCAAGCCTAGGTCACCTA
780 GCGCTTGCCCGATGCGATGCATTA TAATGCATCGCATC	778	CTGGATACCTTGCCTGTGCGGCGC	GCGCCGCACAGGCAAGGTATCCAG
781 TTTCTGTAAGCGGCCTGGGGTTCA TGAACCCCAGGCCGCTTACAGAAA 782 GGCTGAGGTGAGCGGTAAGGATGA TCATCCTTACCGCTCACCTCAGCC 783 TCTTGGCCTCCCCGATCTAATTTG CAAATTAGATCGGGGAGGCCAAGA 784 GGAGGTAACGCCGTGTACGTAGGA TCCTACGTACACGGCGTTACCTCC 785 GTAATCCATTTGTGGCTGCGTCAA TTGACGCAGCCACAAATGGATTAC	779	CCCCTTACGGCTCGTCGTCTATGC	GCATAGACGACGAGCCGTAAGGGG
782 GGCTGAGGTGAGCGGTAAGGATGA TCATCCTTACCGCTCACCTCAGCC 783 TCTTGGCCTCCCGATCTAATTTG CAAATTAGATCGGGGAGGCCAAGA 784 GGAGGTAACGCCGTGTACGTAGGA TCCTACGTACACGGCGTTACCTCC 785 GTAATCCATTTGTGGCTGCGTCAA TTGACGCAGCCACAAATGGATTAC	780	GCGCTTGCCCGATGCGATGCATTA	TAATGCATCGCATCGGGCAAGCGC
783 TCTTGGCCTCCCGATCTAATTTG CAAATTAGATCGGGGAGGCCAAGA 784 GGAGGTAACGCCGTGTACGTAGGA TCCTACGTACACGGCGTTACCTCC 785 GTAATCCATTTGTGGCTGCGTCAA TTGACGCAGCCACAAATGGATTAC	781	TTTCTGTAAGCGGCCTGGGGTTCA	TGAACCCCAGGCCGCTTACAGAAA
784 GGAGGTAACGCCGTGTACGTAGGA TCCTACGTACACGGCGTTACCTCC 785 GTAATCCATTTGTGGCTGCGTCAA TTGACGCAGCCACAAATGGATTAC	782	GGCTGAGGTGAGCGGTAAGGATGA	TCATCCTTACCGCTCACCTCAGCC
785 GTAATCCATTTGTGGCTGCGTCAA TTGACGCAGCCACAAATGGATTAC	783	TCTTGGCCTCCCCGATCTAATTTG	CAAATTAGATCGGGGAGGCCAAGA
785 GTAATCCATTTGTGGCTGCGTCAA TTGACGCAGCCACAAATGGATTAC	784	GGAGGTAACGCCGTGTACGTAGGA	TCCTACGTACACGGCGTTACCTCC
700	785	GTAATCCATTTGTGGCTGCGTCAA	
	786	CAAACCCATTCCAGCAGACGCCTG	

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787	TAGGAGGAATTTGGCATGCGGGCG	CGCCGCATGCCAAATTCCTCCTA
788	ATAGGTAGGATGTGCCCGGCGTTG	CAACGCCGGGCACATCCTACCTAT
789	GCAAGTGCTTAGCTCGTCAGCCTC	GAGGCTGACGAGCTAAGCACTTGC
790	CTGGCTGTGTCGCATCTCGTTAAC	GTTAACGAGATGCGACACAGCCAG
791	CTAACGTCGTCTCGCGCAATCACT	AGTGATTGCGCGAGACGACGTTAG
792	TTTTCATAAACGTTGTCCCCGAGC	GCTCGGGGACAACGTTTATGAAAA
793	AGCAGGAGGACGAACCTCCGCTCC	GGAGCGGAGGTTCGTCCTCCTGCT
794	TTCAAGCACCATCGTGCAATCCAA	TTGGATTGCACGATGGTGCTTGAA
795	AGCGTCGCCAGTGATCGCTAGTGG	CCACTAGCGATCACTGGCGACGCT
796	TACATTCCCTGCCTCCGTGGGCTT	AAGCCCACGGAGGCAGGGAATGTA
797	CGCTTCGCGTATTCAGTAGCGGTT	AACCGCTACTGAATACGCGAAGCG
798	TCGGACGCGTCGACACTCATTATA	TATAATGAGTGTCGACGCGTCCGA
799	TCTGAGCAGGCCAGCGCTCCAGCT	AGCTGGAGCGCTGGCTCAGA
800	TTGAATTGCCAAGCCCTGAAAGCC	GGCTTTCAGGGCTTGGCAATTCAA
801	AGTTTTCGCCTTGATGCGTCGGTG	CACCGACGCATCAAGGCGAAAACT
802	GTTTCATAGGCCACGCGTGCTAAA	TTTAGCACGCGTGGCCTATGAAAC
16	CATCGCTGCAAGTACCGCACTCAA	TTGAGTGCGGTACTTGCAGCGATG

Please replace the table starting on page 236, line 1, with the following rewritten table:

TABLE 4

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AID

Seq. ID No.	Decoder Sequence (5'-3') + 5' T	Probe Sequence (5'-3') + 5' T
4001	TTTCGCCGTCGTGTAGGCTTTTCAA	TTTGAAAAGCCTACACGACGGCGAA
4002	TGTTCCCAGTGAAGCTGCGATCTGG	TCCAGATCGCAGCTTCACTGGGAAC
4003	TTACTTGGCATGGAATCCCTTACGC	TGCGTAAGGGATTCCATGCCAAGTA
4004	TACTAGCATATTTCAGGGCACCGGC	TGCCGGTGCCCTGAAATATGCTAGT
4005	TGAACGGTCAATGAACCCGCTGTGA	TTCACAGCGGGTTCATTGACCGTTC
4006	TGCGGCCTTGGTTCAATATGAATCG	TCGATTCATATTGAACCAAGGCCGC
4007	TGATCGTTAGAGGGACCTTGCCCGA	TTCGGGCAAGGTCCCTCTAACGATC
4008	TTGGACCTAGTCCGGCAGTGACGAA	TTTCGTCACTGCCGGACTAGGTCCA
4009	TATAAACTACCCAGGACGGGCGGAA	TTTCCGCCCGTCCTGGGTAGTTTAT
4010	TCATCGGTTCGCGCCAATCCAGATA	TTATCTGGATTGGCGCGAACCGATG
4011	TGTCGGGCATAGAGCCGACCACCCT	TAGGGTGGTCGGCTCTATGCCCGAC
4012	TCTTGGGTCATGATTCACCGTGCTA	TTAGCACGGTGAATCATGACCCAAG
4013	TTGCCTAACGTGCTAATCAGCAGCG	TCGCTGCTGATTAGCACGTTAGGCA
4014	TCGCATGTTGGAGCATATGCCCTGA	TTCAGGGCATATGCTCCAACATGCG

4015	TAGCCACTGCATCAGTGCTGTTCAA	TTTGAACAGCACTGATGCAGTGGCT
4016	TGGTTGTTTTGAGGCGTCCCACACT	TAGTGTGGGACGCCTCAAAACAACC
4017	TTCGACCAAGAGCAAGGGCGGACCA	TTGGTCCGCCCTTGCTCTTGGTCGA
4018	TGACATCGCTATTGCGCATGGATCA	TTGATCCATGCGCAATAGCGATGTC
4019	TGAAATACGAAGTCTGCGGGAGTCG	TCGACTCCCGCAGACTTCGTATTTC
4020	TTGTCATGAATGATTGATCGCGCGA	TTCGCGCGATCAATCATTCATGACA
4021	TATATCGGGATTCGTTCCCGGTGAA	TTTCACCGGGAACGAATCCCGATAT
4022	TGCGAGCGTACCGAAGGGCCTAGAA	TTTCTAGGCCCTTCGGTACGCTCGC
4023	TTTACCGGCAGCGGACTTCCGAATT	TAATTCGGAAGTCCGCTGCCGGTAA
4024	TGTAATCGAGAGCTGCGCGCCGTCT	TAGACGGCGCGCAGCTCTCGATTAC
4025	TCCTGTTAGCGTAGGCGAGTCGATC	TGATCGACTCGCCTACGCTAACAGG
4026	TTAGCGGACCGGCAGAATGAGTTCC	TGGAACTCATTCTGCCGGTCCGCTA
4027	TGGTACATGCACTACGCGCACTCGG	TCCGAGTGCGCGTAGTGCATGTACC
4028	TAATTCATCTCGGACTCCCGCGGTA	TTACCGCGGGAGTCCGAGATGAATT
4029	TGCCAAATCTGGATTGGCAGGAATG	TCATTCCTGCCAATCCAGATTTGGC
4030	TTGCATTTTCGGTTGAGGCACATCC	TGGATGTGCCTCAACCGAAAATGCA
4031	TCCGCTCAATTCACCATGCTTCGCT	TAGCGAAGCATGGTGAATTGAGCGG
4032	TCTCGGAAAGGTGCAACTTTGGTGT	TACACCAAAGTTGCACCTTTCCGAG
4033	TAATTCGACCAGCAGAACGTCCCAT	TATGGGACGTTCTGCTGGTCGAATT
4034	TGCCAGAGTCTCAACCTCACGGGAT	TATCCCGTGAGGTTGAGACTCTGGC
4035	TCCAACAACTGGAACGGGAACCCGC	TGCGGGTTCCCGTTCCAGTTGTTGG
4036	TGAGAACTGATCGCTGAGGGGCATG	TCATGCCCCTCAGCGATCAGTTCTC
4037	TGGCACACTAGACTTGTGGCACCGA	TTCGGTGCCACAAGTCTAGTGTGCC
4038	TTCACATCCAAATATGGTCCGCGAA	TTTCGCGGACCATATTTGGATGTGA
4039	TGTCTGCCGGTGTGACCGCTTCATT	TAATGAAGCGGTCACACCGGCAGAC
4040	TCATCGCAGAGCATAAACACCCTCA	TTGAGGGTGTTTATGCTCTGCGATG
4041	TGTTGGTATCTATGGCAGAGGCGGA	TTCCGCCTCTGCCATAGATACCAAC
4042	TACGAGGTGCCGCTGAGGTTCCATT	TAATGGAACCTCAGCGGCACCTCGT
4043	TGGAATGAGTGGACCCAGGCACATT	TAATGTGCCTGGGTCCACTCATTCC
4044	TTGTCAATATGCGTCCGTGTCGTCT	TAGACGACACGGACGCATATTGACA
4045	TTGATGAGCCTCAGGGTACGAGGCA	TTGCCTCGTACCCTGAGGCTCATCA
4046	TCACCGCGGTGTTCCTACAGAATGA	TTCATTCTGTAGGAACACCGCGGTG
4047	TTTGTTGCCAATGGTGTCCGCTCGG	TCCGAGCGGACACCATTGGCAACAA
4048	TTTAACCTGCGTCTGCCCCTTTCCT	TAGGAAAGGGGCAGACGCAGGTTAA
4049	TAGGCGCGTTCCTGCCTTAGTGACG	TCGTCACTAAGGCAGGAACGCGCCT
4050	TTAGGGCGATGGCACGAAGCTTCAA	TTTGAAGCTTCGTGCCATCGCCCTA
4051	TTGCATAGAGCCAAAGTCGGCGATG	TCATCGCCGACTTTGGCTCTATGCA
4052	TTTGAGAGGCAGGTGGCCACACGGA	TTCCGTGTGGCCACCTGCCTCTCAA

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4054 4055 4056 4057	TTCCGCATTGTGAGAAAAAACGAGC TGGCGGTTTCCGTAGCTATAGGTGC TGGTGAAAATTTCGTAGCCACGGGC TCCGACGGAGGATGAAGACAATCAC	TGCTCGTTTTTTCTCACAATGCGGA TGCACCTATAGCTACGGAAACCGCC TGCCCGTGGCTACGAAATTTTCACC
4055 4056 4057	TGGTGAAAATTTCGTAGCCACGGGC TCCGACGGAGGATGAAGACAATCAC	
4056 4057	TCCGACGGAGGATGAAGACAATCAC	TGCCCGTGGCTACGAAATTTTCACC
4057		
		TGTGATTGTCTTCATCCTCCGTCGG
4058	TCCAGTTTGGCCCAATTCGCCAAAA	TTTTTGGCGAATTGGGCCAAACTGG
	TGGATCTATTAGGCCGTGCGCACAG	TCTGTGCGCACGGCCTAATAGATCC
4059	TCGGATGTCACCGTTTGGACTTTCA	TTGAAAGTCCAAACGGTGACATCCG
4060	TATCGCAAATCCTGCTCGTCCCTAA	TTTAGGGACGAGCAGGATTTGCGAT
4061	TCAGGGCATGCAATAATCGAGGTTC	TGAACCTCGATTATTGCATGCCCTG
4062	TCATGCGTTGATATATGGGCCCAAG	TCTTGGGCCCATATATCAACGCATG
4063	TCAGCTGCAGCTTGTGACCAACCAC	TGTGGTTGGTCACAAGCTGCAGCTG
4064	TTTGTATGTCTGCCGACCGGCGACC	TGGTCGCCGGTCGGCAGACATACAA
4065	TGATGGCGCCCGTTGATAGGTATGG	TCCATACCTATCAACGGGCGCCATC
4066	TATGAGAATCGCCGGCAATCTGCTA	TTAGCAGATTGCCGGCGATTCTCAT
4067	TATTTGCACTGACCGCAGGCTCGTG	TCACGAGCCTGCGGTCAGTGCAAAT
4068	TCAGGGAGAACGGTTAAGTTCCCGT	TACGGGAACTTAACCGTTCTCCCTG
4069	TAGGCCGGCGATCGAGGAGTTTGGT	TACCAAACTCCTCGATCGCCGGCCT
4070	TACACGGTGGTCTCTGATAGCGACC	TGGTCGCTATCAGAGACCACCGTGT
4071	TGTGCAACGCCGAGGACTTCCATCA	TTGATGGAAGTCCTCGGCGTTGCAC
4072	TTCGGTGCCTGATAGCCATTCCGAT	TATCGGAATGGCTATCAGGCACCGA
4073	TTGAAATACCACACAGCCAATTGGC	TGCCAATTGGCTGTGTGGTATTTCA
4074 7	TGCATCGTGTACATGACTGCCGCGA	TTCGCGGCAGTCATGTACACGATGC
4075 1	CAGTGTTCTAACGGCGCGCGTGAA	TTTCACGCGCGCCGTTAGAACACTG
4076 7	CGCTTGCAACGTTGCACCTACTCT	TAGAGTAGGTGCAACGTTGCAAGCG
4077 T	CGAAAAACTAGTGGGCTCGCCGCG	TCGCGGCGAGCCCACTAGTTTTCG
4078 T	CTTTCAGGGGAACTGCCGGAGTCG	TCGACTCCGGCAGTTCCCCTGAAAG
4079 T	TTTGTGGCCTTCTTGTAAAGGCACG	TCGTGCCTTTACAAGAAGGCCACAA
4080 T	TCCACGAACGGCGACCCGTTGTCT	TAGACAACGGGTCGCCGTTCGTGGA
4081 T	CGACCTTGCACGAAACCTAACGAG	TCTCGTTAGGTTTCGTGCAAGGTCG
4082 T	GTGCAGCTTCACGAGCCAGCCTGA	TTCAGGCTGGCTCGTGAAGCTGCAC
4083 T	CGCTTTCGTGCGAATAGACGATGA	TTCATCGTCTATTCGCACGAAAGCG
4084 T	TGCGCTTACAGGCTCCTAGTGGTC	TGACCACTAGGAGCCTGTAAGCGCA
4085 T	CACGCGCTTAGTCGCGATCGCATA	TTATGCGATCGCGACTAAGCGCGTG
4086 T	CGGAGGGAGGGAGCTAGCCTTCGA	TTCGAAGGCTAGCTCCCTCCG
4087 T		TAGGCGTCATCAACAGGCCGGATGC
4088 T		TCTCGGCAATAAGATCGATTGGCCT
4089 T		TTGGGCGTATGCAATCATTGGAAGG
4090 T		TAGACGACCCGCCTGATCAAGTGTT

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4092 TGC 4093 TAC 4094 TTC 4095 TCA 4096 TTT 4097 TAA	GGAATCAAGGCCGTAAAGGACAG CTCCCGTAACCTGTCCACCAGTG CTGGTGAATGGCCGCTACCCTGA CTTGAAGCGAGCTAAAACGGCCA AGCGCTCCAGAATTGACAGCAAT CGAAGCGCACGTCCCTTTTCAA ACGCGTGGGGAATGGGACATCAA	TCTGTCCTTTACGGCCTTGATTCCA TCACTGGTGGACAGGTTACGGGAGC TTCAGGGTAGCGGCCATTCACCACT TTGGCCGTTTTAGCTCGCTTCAACA TATTGCTGTCAATTCTGGAGCGCTG TTTGAAAAGGGACGTGCGCTTCGAA
4093 TAG 4094 TTG 4095 TCA 4096 TTT 4097 TAA	STGGTGAATGGCCGCTACCCTGA STTGAAGCGAGCTAAAACGGCCA AGCGCTCCAGAATTGACAGCAAT CGAAGCGCACGTCCCTTTTCAA	TTCAGGGTAGCGGCCATTCACCACT TTGGCCGTTTTAGCTCGCTTCAACA TATTGCTGTCAATTCTGGAGCGCTG
4094 TTG 4095 TCA 4096 TTT 4097 TAA	GTTGAAGCGAGCTAAAACGGCCA AGCGCTCCAGAATTGACAGCAAT CGAAGCGCACGTCCCTTTTCAA	TTGGCCGTTTTAGCTCGCTTCAACA TATTGCTGTCAATTCTGGAGCGCTG
4095 TCA 4096 TTT 4097 TAA	GCGCTCCAGAATTGACAGCAAT CGAAGCGCACGTCCCTTTTCAA	TATTGCTGTCAATTCTGGAGCGCTG
4096 TTT 4097 TAA	CGAAGCGCACGTCCCTTTTCAA	
4097 TAA		TTTGAAAAGGGACCTCCCCTTCCAA
	CGCGTGGGGAATGGGACATCAA	TITOAVVAGGGACGTGCGCTTCGAA
4098 TCA		TTTGATGTCCCATTCCCCACGCGTT
	CGAGATACCGGCGTAAGGGTGG	TCCACCCTTACGCCGGTATCTCGTG
4099 TCT	ACGGCAAACGTGTGGAATGGGT	TACCCATTCCACACGTTTGCCGTAG
4100 TGT	AGGGCGATGACGGGCGAACTAC	TGTAGTTCGCCCGTCATCGCCCTAC
4101 TAA	TCGACCTCCGCACACATTCGCA	TTGCGAATGTGTGCGGAGGTCGATT
4102 TGA	GTCAGCATGGCGGCGGAGATTC	TGAATCTCCGCCGCCATGCTGACTC
4103 TAG	ATAAAGACGCTGGCAACACGGG	TCCCGTGTTGCCAGCGTCTTTATCT
4104 TGG	STACCTCAACGCGAACCACTTGT	TACAAGTGGTTCGCGTTGAGGTACC
4105 TAA	GCGATGGCTACCCAAGAGCGAT	TATCGCTCTTGGGTAGCCATCGCTT
4106 TAG	AGCTTATGCAGAACCAGGCGCC	TGGCGCCTGGTTCTGCATAAGCTCT
4107 TAT	CGGTCTCACGCAGGGTTGGATA	TTATCCAACCCTGCGTGAGACCGAT
4108 TTA	GGTTGCCCGCCAGAAGAACAT	TATGTTTCTTCTGGCGGGCAACCTA
4109 TCG	GTGCTGTTGCAAAAGCCTGTAG	TCTACAGGCTTTTGCAACAGCACCG
4110 TTG	ATGAAAGTTTGCGGCAGGACAC	TGTGTCCTGCCGCAAACTTTCATCA
4111 TGT	TGAGTGCAGGATGCAGCGATAG	TCTATCGCTGCATCCTGCACTCAAC
4112 TAA	CATTGCGCGGTCCACCAGGGTT	TAACCCTGGTGGACCGCGCAATGTT
4113 TGG	GCAGTTAGAGAGGGCCAGAAGT	TACTTCTGGCCCTCTCTAACTGCCC
4114 TTC	GAGCTGGTCCCCGTGAACGTGT	TACACGTTCACGGGGACCAGCTCGA
4115 TGT	CTTGGGGGCCGCTTAGTGAAAA	TTTTCACTAAGCGGCCCCCAAGAC
4116 TAC	TGTTGGCTTGCTCATGTCCA	TTGGACATGAGAGCAAGCCAACAGT
4117 TAG	GACCATTCGGAAGGCGAAGATA	TTATCTTCGCCTTCCGAATGGTCCT
4118 TCT	TGGGAGGCATCCGCTATAAGGA	TTCCTTATAGCGGATGCCTCCCAAG
4119 TAA	TAAACGGAACGCACCGCTACAG	TCTGTAGCGGTGCGTTCCGTTTATT
4120 TTT	GTACGTGCGGTCCCCATAAGCA	TTGCTTATGGGGACCGCACGTACAA
4121 TCG	CACCAAACTGAGTTTCCCAGAC	TGTCTGGGAAACTCAGTTTGGTGCG
4122 TAC	CTGATCGTTCCCCTATTGGGAA	TTTCCCAATAGGGGAACGATCAGGT
4123 TGG	AACAGAGGCGAGGGGACTGAGC	TGCTCAGTCCCCTCGCCTCTGTTCC
4124 TCC	CTGCCTTGGCGTGTCGGCTTAT	TATAAGCCGACACGCCAAGGCAGGG
4125 TAC	TCTGACACGCCAACTCCGGAAG	TCTTCCGGAGTTGGCGTGTCAGAGT
4126 TCT	GACGGTTTTCATTCGGCGTGCC	TGGCACGCCGAATGAAAACCGTCAG
4127 TTG	CGGTGGTTCATTGGAGCTGGCC	TGGCCAGCTCCAATGAACCACCGCA
4128 TGC	ATGGCCAACTAGTGACTCGCAA	TTTGCGAGTCACTAGTTGGCCATGC

4129 TAGGCCGTAAAGCGAATCTCACCTG TCAGGTGAGATTCGCTTTACGG 4130 TCGAATATTATGCCGAGAATCCGCG TCGCGGATTCTCGGCATAATATT 4131 TACAGACGAGCTCCCAACCACATGA TTCATGTGGTTGGGAGCTCGTC 4132 TGGACGTTTGTGTGTGGTTGGTTGGTTGGTTGGACCACAACCG 4133 TAAAGGCTATTGAGTTGGTTGGGCG TCGCCCAACCAACTCAATAGCC 4134 TGATGGCCTATTCGGAGATCGGGCC TGGCCCAACCAACTCAATAGCC 4135 TGATCCAGTAGGCAGCATCATCCCA TTGGGATGAAGCTGCTACTGG 4136 TAATAACTCGCGCGGGTATGCTTCT TAGAAGCATACCCGCGCGAGTT. 4137 TGGAGGAGGAGTTTGTCTCGAAAACCA TTGCTTTCCGAGACAAACCTCCT 4138 TCTTTGGTATGGCACAATGCTGCCCG TCGGGCAGCACACCCACTACCA 4139 TAGAAAGGCTCGACAACGGGAACT TAGTTCCCGTTGCTCGAGCCTTT 4140 TAATCTACCGCACTGGTCCGCAAGT TACTTGCGGACCAAGTGCGCCCC 4142 TTTGCAGTCAATCCAATCCAACGCACGT TACCTGCGACCATTGGCCGCCCC 4143 TGGCCCAAAGCCCCCAGACCATTTTA TTAAAATGGTCTGGGCGCTTGGCTAACCA 4144 TCGCCGTCTTTTGTCTCCGGACAAT TATTGTCCGGAGCAAAAACAGCC 4145 TTGAGGCAACAGGGGCCAAAAACTA TATTGTCCGGAGCAAAAACAGCCCCAGACCATTTTA 4146 TAGCGGAAAGACACGGGCCAAAAACTA TATTGTCCGGAGCAAAAACACGCCTTGCCCT 4147 TGGCCCCAAGGCTTTGACGGCTTTGCCTTGCCTTGCCTT	CT
4131 TACAGACGAGCTCCCAACCACATGA TTCATGTGGTTGGAGCTCGTC 4132 TGGACGGTTTGTGCTGGATTGTCTG TCAGACAATCCAGCACAAACCG 4133 TAAAGGCTATTGAGTTGGTTGGGCG TCGCCCAACCAACTCAATAGGCC 4134 TGATGGCCTATTCGGAGATCGGCC TGGCCCGATCTCCGAATAGGCC 4135 TGATCCAGTAGGCAGCTTCATCCCA TTGGGATGAAGCTGCCTACTGG 4136 TAATAACTCGCGCGGGTATGCTTCT TAGAAGCATACCCGCGCGAGTT. 4137 TGGAGGAGGTTTGTCTCGGAAAGCA TTGCTTTCCGAGACAAACCTCCT 4138 TCTTTGGTATGGCACATGCTGCCG TCGGCAGCATGTGCCATACCA 4139 TAGAAAGGCTCGAGCAACGGGAACT TAGTTCCCGTTGCTCGAGCCTTT 4140 TAATCTACCGCACTGGTCCGCAAGT TACTTGCGGACCAGTGCGCTA 4141 TCGTGGCGGCCACAGTTTTTGGAGG TCCTCCAAAAACTGTGGCCGCCCA 4142 TTTGCAGTTCAATCCATACGCACGT TACGTGCGTATGGACTTGGC 4143 TGGCCCAAAGCCCCAGACCATTTTA TTAAAATGGTCTGGGGCTTTGGCT 4144 TCGCCTGTCTTTGTCTCCGGACAAT TATTGTCCGGAGACAAAGCAGC 4145 TTGAGGCAACAGGGCCAAAAACTA TATTGTCCGGAGACAAAGCAGC 4146 TAGCGGAAGTAGTCCTCGGCTCGTC TGACGAGCCCAGGACTACTTCCCT 4147 TGGCCCCAAGGCTTAGAGAATAGTGG TCCACTATCTCAAGCCTTGGCG 4148 TGCACGTGAAGTTTAACCGCGATTC TGAATCGCGTTAAACTTCCCT 4149 TAGCGGCAAAACTA TATTGTCCGGAGACCATACTTCCCT 4141 TCGCCGGAAAACTA TATTGTCCGGAGACCAAAGCTCCCTTGGCCT 4142 TTGAGGCCAAAGTTCCTCGGCTCGTC TGACCAGGACCAAGACTTCCCCTTTGCCT 4143 TGCCCCAAGGCTTAGAGAATAGTGG TCCACTATCTCTAAGCCTTGGGG 4144 TCGCCTGTCAAGAACTTCCTTGACGG TCCACATACTTCCCCTTGCCT 4146 TAGCGGCAAAACTTA TATTGTCCCGAGACCACTTCCCCTTGCCTCCCCTTTGCCT 4147 TGGCCCCAAGGCTTAGAGAATAGTGG TCCACTATCTCTAAGCCTTGGGG 4148 TGCACGTGAAACTTCACGGT TCAACTACCCCTTGGCACATACTTCCCCGAGCAAAACTA TATTGTCCGAGAACCTTCCCCGCTTAAACTTCCCCGATACTTCCCCACAGAACACTACTTCCCCACAGAACACTACTTCCCCACAGAACACTACTTCCCCACAGAACACACAC	
4132 TGGACGGTTTGTGCTGGATTGTCTG 4133 TAAAGGCTATTGAGTTGGTCGGCC 4134 TGATGGCCTATTCGGAGATCGGCC 4135 TGATCCAGTAGGCAGCACAACCACTCAATAGCC 4136 TAATAACTCGCGCGGGTATGCTTCT 4137 TGGAGGAGGTTTGTCTCGGAAAGCA 4138 TCTTTGGATTGGTTGGCCG 4139 TAGAAAGCTTCCCGA 4139 TAGAAAGCTTCCGGAAAGCA 4140 TAATCTACCGCACGGGACACT 4141 TCGTGGCGCACCAAGTTTTGCGAAAACT 4141 TCGTGGCGCACACTTTTTGGAGG 4141 TCGTGGCGCACACTTTTTGAGG 4142 TTTGCAGTCAACACCTTTTA 4143 TGGCCCAAAGCCCCAGACCATTTTA 4144 TCGCCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	G
4133 TAAAGGCTATTGAGTTGGTTGGGCG TCGCCCAACCACTCAATAGCCC 4134 TGATGGCCTATTCGGAGATCGGCC TGGCCCAACCAACTCAATAGCCC 4135 TGATCCAGTAGGCAGCTTCATCCCA TTGGGATGAAGCTGCCTACTGG 4136 TAATAACTCGCGCGGGGTATGCTTCT TAGAAGCATACCCGCGCGAGTT. 4137 TGGAGGAGGTTTGTCTCGGAAAGCA TTGCTTTCCGAGACAAACCTCCT 4138 TCTTTGGTATGGCACATGCTGCCG TCGGGCAGCATGTGCCATACCA 4139 TAGAAAGGCTCGAGCAACGGGAACT TAGTTCCCGTTGCTCGAGCCTTT 4140 TAATCTACCGCACTGGTCCGCAAGT TACTTGCGGACCAGTGCGGTAG 4141 TCGTGGCGCCACAGTTTTTGGAGG TCCTCCAAAAACTGTGGCCGCCC 4142 TTTGCAGTTCAATCCATACGCACGT TACGTGCGTAGGACCAGTTGGCCCC 4143 TGGCCCAAAGCCCCAGACCATTTTA TTAAAATGGTCTGGGGCTTTGGC 4144 TCGCCTGTCTTTGTCTCCGGACAAT TATTGTCCGGAGCAAAGACAGC 4145 TTGAGGCAACAGGGGCCAAAAACTA TATTGTCCGGAGCAAAAACAGC 4146 TAGCGGAACTAGTCCTCGGCTCGTC TGACGAGCCGAGGACTACTTCCC 4147 TGGCCCCAAGGCTTAGAGATAGTGG TCCACTATCTCTAAGCCTTGGGG 4148 TGCACGTGAAGTTTAACCGCGGTTC TGACGAGCCGAGGACTAACTTCCC 4149 TAGCGGCAGAAACGTTCCTTGACGG TCCACTATCTCTAAGCCTTGGGG 4149 TAGCGGCAGAAACGTTCCTTGACGG TCCGTCAAGGAACGTTTCTCCCG 4150 TTCGTCGAGCAGACGAGTTGCACG TCCGTCAAGGAACGTTTCTGCCCG 4151 TTCTTTGCCGCGTAACTGCTT TAAGCAGTCAGTTACCGCGGCAAA 4152 TTTTATGTCCCAAGGGGTTAACCGA TTCGGTTAACCCCTTGGCACAAA 4153 TTGTTACTGTGTCACGGACCATTTTATTGTCCAATAAAAGGTCTAGCGGGCAAAAACTA 4154 TCGCGCCTCGCTAGACCTTTTATTGTCCAATAAAAGGTCTAGCGGAACAAACA	GT
4134 TGATGGCCTATTCGGAGATCGGGCC TGGCCCGATCTCCGAATAGGCC 4135 TGATCCAGTAGGCAGCTTCATCCCA TTGGGATGAAGCTGCCTACTGG 4136 TAATAACTCGCGCGGGTATGCTTCT TAGAAGCATACCCGCGCGAGTT. 4137 TGGAGGAGGTTTGTCTCGGAAAGCA TTGCTTTCCGAGACAAACCTCCT 4138 TCTTTGGTATGGCACATGCTGCCG TCGGGCAGCATGTCCCACCACCACCACCACCACCACCACCACCACCACCACC	CC
4135 TGATCCAGTAGGCAGCTTCATCCCA TTGGGATGAGCTGCCTACTGG 4136 TAATAACTCGCGCGGGTATGCTTCT TAGAAGCATACCCGCGCGAGTT. 4137 TGGAGGAGGTTTGTCTCGGAAAGCA TTGCTTTCCGAGACAAACCTCCT 4138 TCTTTGGTATGGCACATGCTGCCCG TCGGGCAGCATGTGCCATACCA 4139 TAGAAAGGCTCGAGCAACGGGAACT TAGTTCCCGTTGCTCGAGCCTTT 4140 TAATCTACCGCACTGGTCCGCAAGT TACTTGCGGACCAGTGCGGTAG 4141 TCGTGGCGGCCACAGTTTTTGGAGG TCCTCCAAAAACTGTGGCCGCCC 4142 TTTGCAGTTCAATCCATACGCACGT TACGTGCGTATGGATTGAACTGC 4143 TGGCCCAAAGCCCCAGACCATTTTA TTAAAATGGTCTGGGGCTTTTGGC 4144 TCGCCTGTCTTTGTCTCCGGACAAT TATTGTCCGGAGCAAAGACAGC 4145 TTGAGGCAACAGGGGCCAAAAAACTA TTAGTTTTTGGCCCCTGTTGCCT 4146 TAGCGGAAGTAGTCCTCGGCTCGTC TGACGAGCCGAGGACTACTTCCC 4147 TGGCCCCAAGGCTTAGAGATAGTGG TCCACTATCTCTAAGCCTTGGGG 4148 TGCACGTGAAGTTTAACCGCGATTC TGAATCGCGGTTAAACTTCACGT 4149 TAGCGGCAGAAACGTTCCTTGACGG TCCGTCAAGGAACGTTTCTGCCG 4150 TTCGTCGAGCAGACGAGATTGCACG TCCGTCAAGGAACGTTTCTGCCG 4151 TTCTTTGCCGCGTAACTGACTGCTT TAAGCAGTCAGTTACGCGGCCAAA 4152 TTTTATGTCCCAAGGGGTTAACCGCA 4153 TTGTTACTGTGGTTCACGG TCGTCCACTGTACCCCTTGGCCCACATACTTCCCGTCTGCCCGCACACATACTTCCCCGTTAACCCCTTGGCCCACACATACTTCCCCCTTTTATCCCCCCACACACA	П
4136 TAATAACTCGCGCGGGTATGCTTCT TAGAAGCATACCCGCGCGAGTT. 4137 TGGAGGAGGTTTGTCTCGGAAAGCA TTGCTTTCCGAGACAAACCTCCT 4138 TCTTTGGTATGGCACATGCTGCCG TCGGGCAGCATGTGCCATACCA 4139 TAGAAAGGCTCGAGCAACGGGAACT TAGTTCCCGTTGCTCGAGCCTTT 4140 TAATCTACCGCACTGGTCCGCAAGT TACTTGCGGACCAGTGCGGTAG 4141 TCGTGGCGGCCACAGTTTTTGGAGG TCCTCCAAAAACTGTGGCCGCCC 4142 TTTGCAGTTCAATCCATACGCACGT TACGTGCGTATGGATTGAACTGC 4143 TGGCCCAAAGCCCCAGACCATTTTA TTAAAATGGTCTGGGGCTTTGGC 4144 TCGCCTGTCTTTGTCTCCGGACAAT TATTGTCCGGAGACAAAGACAGC 4145 TTGAGGCAACAGGGGCCAAAAACTA TTAGTTTTTGCCCCTGTTGCCT 4146 TAGCGGAAGTAGTCCTCGGCTCGTC TGACGAGCCGAGGACTACTTCCC 4147 TGGCCCCAAGGCTTAGAGATAGTGG TCCACTATCTCTAAGCCTTGGGG 4148 TGCACGTGAAGTTTAACCGCGATTC TGAATCGCGGTTAAACTTCACGT 4149 TAGCGGCAGAAACGTTCCTTGACGG TCCGTCAAGGAACGTTTCTGCCG 4150 TTCGTCGAGCAGAACGTTCCTTGACGG TCGTCAAGGAACGTTTCTGCCG 4151 TTCTTTGCCGCGTAACTGACTGCTT TAAGCAGTCAGTTACCGGGCAAA 4152 TTTTATGTGCCAAGGGGTTAACCGA TCGGTTAACCCCTTGGCGCAAA 4153 TTGTTACTGTGGTTCACGGACCATACTCGTCTGCCGCCACAAAACCAAGACCAATACTCACGTTTAACCGCGGTTAAACCCCTTGGCACAAAACCAAGACCAACAAAACCAAGACCAACAAAACCAACAA	TC
TIGAGGAGGCACAGGACACATTTTATTG 4137 TGGAGGAGGTTTGTCTCGGAAAGCA 4138 TCTTTGGTATGGCACATGCTGCCG 4139 TAGAAAGGCTCGAGCAACGGGAACT 4140 TAATCTACCGCACTGGTCCGCAAGT 4141 TCGTGGCGGCACAGTTTTTGGAGG 4142 TTTGCAGTTCAATCCATACGCACGT 4143 TGGCCCAAAGCCCCAGGCACAGT 4144 TCGCCTGTCTTTTTTGAGG 4145 TTGAGGCACAGGGGACAT 4146 TAGCGGAACAGGGCCAAAAACTA 4147 TGGCCCAAAGCCCCAGACCATTTTA 4148 TGCCCCAAGGCTTAGAGACACAT 4149 TAGCGGAAGTTTAACCGCACGT 4148 TGCACGTGAAGTTTAACCGCACGT 4149 TAGCGGCAGAAAACTA 4150 TTCTTTGCGGACAAACTTC 4151 TTCTTTGCCGCGTAGCATTC 4152 TTTTATGTCCGGACAAT 4153 TTGTTACTGTGCTCAGCAGCTTTAACCCCTTTGCCCAAAACTTACGCCGCAAACCACAGGAACAAGACAGAAACTA 4154 TCGCCCCAAGGCTTAGAGATTGCACG 4155 TTCTTTGCCGCGTAACTGACTTC 4156 TTCTTTGCCGCGTAACTGACTTC 4157 TTCTTTGCCGCGTAACTGACTGACTT 4158 TTGTTACTGTGGTTCACGGACCAATACTCACGTTTAACCCCTTTGCCCAAAACCTTTTAACCCCTTTGCCCAAAACCTTTTAACCCCTTTGACGGAACAAACCTTTCACGTTTAACCCCCTTTGACCGAACAAACCTTTTCACGTTTAACCCCCTTTGACCGAACAAACCTTTCACGTTTAACCCCCTTTGACGGAACAAACCTTTCACGTTTAACCCCCTTTGACCGAACAAAACTAAAACTTAACCCCTTTGACGGAACAAAACTAAAAACTAACT	TC
4138 TCTTTGGTATGGCACATGCTGCCG TCGGGCAGCATGTGCCATACCA 4139 TAGAAAGGCTCGAGCAACGGGAACT TAGTTCCCGTTGCTCGAGCCTTT 4140 TAATCTACCGCACTGGTCCGCAAGT TACTTGCGGACCAGTGCGGTAG 4141 TCGTGGCGGCCACAGTTTTTGGAGG TCCTCCAAAAACTGTGGCCGCCC 4142 TTTGCAGTTCAATCCATACGCACGT TACGTGCGTATGGATTGAACTGC 4143 TGGCCCAAAGCCCCAGACCATTTA TTAAAATGGTCTGGGGCTTTGGC 4144 TCGCCTGTCTTTGTCTCCGGACAAT TATTGTCCGGAGACAAAGACAGC 4145 TTGAGGCAACAGGGGCCAAAAACTA TAGTTTTTTGCCCCTGTTGCCT 4146 TAGCGGAAGTAGTCCTCGGCTCGTC TGACGAGCCGAGGACTACTTCCC 4147 TGGCCCCAAGGCTTAGAGATAGTGG TCCACTATCTCTAAGCCTTGGGG 4148 TGCACGTGAAGTTTAACCGCGATTC TGAATCGCGGTTAAACTTCACGT 4149 TAGCGGCAGAAACGTTCCTTGACGG TCCGTCAAGGAACGTTTCTGCCC 4150 TTCGTCGAGCAGACGAGATTGCACG TCGTCAAGGAACGTTCTGCCC 4151 TTCTTTGCCGCGTAACTGACTGCTT TAAGCAGTCAGTTACGCGGCAAA 4152 TTTTATGTGCCAAGGGGTTAACCGA TTCGGTTAACCCCTTGGCACATA 4153 TTGTTACTGTGGTTCACGGCAGTCC TGGACTGCCGTGAACCACAGTAA 4154 TCGCGCCTCGCTAGACCTTTTTATTG TCAATAAAAGGTCTAGCGAGGCC 4155 TCGCGCCTAGACCTTTTTATTG TCAATAAAAGGTCTAGCGAGGCGAG	π
TAGAAAGGCTCGAGCAACGGGAACT 4140 TAATCTACCGCACTGGTCCGCAAGT TACTTGCGGACCAGTGCGGTAG 4141 TCGTGGCGGCCACAGTTTTTGGAGG TCCTCCAAAAACTGTGGCCGCAC 4142 TTTGCAGTTCAATCCATACGCACGT TACGTGCGTATGGATTGAACTGC 4143 TGGCCCAAAGCCCCAGACCATTTTA TTAAAATGGTCTGGGGCTTTGGC 4144 TCGCCTGTCTTTGTCTCCGGACAAT TATTGTCCGGAGACAAAGACAGC 4145 TTGAGGCAACAGGGGCCAAAAAACTA TTAGTTTTTGGCCCCTGTC 4146 TAGCGGAAGTAGTCCTCGGCTCGTC TGACGAGCCGAGGACTACTTCCC 4147 TGGCCCCAAGGCTTAGAGATAGTGG TCCACTATCTCTAAGCCTTGGGG 4148 TGCACGTGAAGTTTAACCGCGATTC TGAATCGCGGTTAAACTTCACGT 4149 TAGCGGCAGAAACGTTCCTTGACGG TCCGTCAAGGAACGTTTCTGCCC 4150 TTCGTCGAGCAGACGAGATTGCACG TCGTCAATCTCGTCTGCTCGACC 4151 TTCTTTGCCGCGTAACTGACTGCTT TAAGCAGTCAGTTACCGCGCAAAAACTA TTCTTTGCCGCGTAACTGACCGA TTCGTTAACCCCTTGGCCC 4151 TTCTTTGCCGCGTAACTGACTGCTT TAAGCAGTCAGTTACCGCGCAAAAACTA TTCGTTACTGTGGCACATACTGCGCGCAAAAACCGTTCCTTGGCACCATACTCCGTTGCCCCCTTGCCCCCCTTGCCCCCCTTGCCCCCC	C
4140 TAATCTACCGCACTGTCCGCAAGT TACTTGCGGACCAGTGCGGTAG 4141 TCGTGGCGGCCACAGTTTTTGGAGG TCCTCCAAAAACTGTGGCCGCCA 4142 TTTGCAGTTCAATCCATACGCACGT TACGTGCGTATGGATTGAACTGC 4143 TGGCCCAAAGCCCCAGACCATTTTA TTAAAATGGTCTGGGGCTTTGGC 4144 TCGCCTGTCTTTGTCTCCGGACAAT TATTGTCCGGAGACAAAGCAGC 4145 TTGAGGCAACAGGGGCCAAAAACTA TTAGTTTTTGGCCCTGTTGCCT 4146 TAGCGGAAGTAGTCCTCGGCTCGTC TGACGAGCCGAGGACTACTTCCC 4147 TGGCCCCAAGGCTTAGAGATAGTGG TCCACTATCTCTAAGCCTTGGGG 4148 TGCACGTGAAGTTTAACCGCGATTC TGAATCGCGGTTAAACTTCACGT 4149 TAGCGGCAGAAACGTTCCTTGACGG TCCGTCAAGGAACGTTTCTGCCC 4150 TTCGTCGAGCAGACGAGATTGCACG TCGTCAAGGAACGTTTCTGCCC 4151 TTCTTTGCCGCGTAACTGACTGCTT TAAGCAGTCAGTTACGCGGCAAA 4152 TTTTATGTGCCAAGGGGTTAACCGA TTCGGTTAACCCCTTGGCACATA 4153 TTGTTACTGTGGTTCACGGCAGTCC TGGACTGCCGTGAACCACAGTAA 4154 TCGCGCCTCGCTAGACCTTTTTATTG TCAATAAAAGGTCTAGCGAGGCG	AG
4141 TCGTGGCGCCACAGTTTTGGAGG TCCTCCAAAAACTGTGGCCGCCAAAACTGTGGCCGCCAAAACTGTGGCCGCCAAAACTGTGGCCGCCAAAACTGTGGCCGCCAAAACTGTGGCCGCCAAAACTGTGGCCGCCAAAACTGTGGCCGCAAAACTGTGGCCGCAAAACTGTGGCCGCAAAACCAAAACTGTGGCCCCAAAACCAAAACTGTGGCGCTTTGGCCTAAAAACTGTTTGCCCGGACAAAACTAAAAACTGTTTTGGCCCCTGTGCCTAAAAACTGTTTTTTGGCCCCTGTTGCCTAAAAACTAAAAAAAA	T
4142 TTTGCAGTTCAATCCATACGCACGT TACGTGCGTATGGATTGAACTGC 4143 TGGCCCAAAGCCCCAGACCATTTTA TTAAAATGGTCTGGGGCTTTGGC 4144 TCGCCTGTCTTTGTCTCCGGACAAT TATTGTCCGGAGACAAAGACAGC 4145 TTGAGGCAACAGGGGCCAAAAACTA TTAGTTTTTGGCCCCTGTTGCCT 4146 TAGCGGAAGTAGTCCTCGGCTCGTC TGACGAGCCGAGGACTACTTCCC 4147 TGGCCCCAAGGCTTAGAGATAGTGG TCCACTATCTCTAAGCCTTGGGG 4148 TGCACGTGAAGTTTAACCGCGATTC TGAATCGCGGTTAAACTTCACGT 4149 TAGCGGCAGAAACGTTCCTTGACGG TCCGTCAAGGAACGTTTCTGCCC 4150 TTCGTCGAGCAGACGAGATTGCACG TCGTGCAATCTCGTCTGCTCGAC 4151 TTCTTTGCCGCGTAACTGACTGCTT TAAGCAGTCAGTTACGCGGCAAA 4152 TTTTATGTGCCAAGGGGTTAACCGA TTCGGTTAACCCCTTTGGCACATA 4153 TTGTTACTGTGGTTCACGGCAGTCC TGGACTGCCGTGAACCACAGTAA 4154 TCGCGCCTCGCTAGACCTTTTATTG TCAATAAAAGGTCTAGCGAGGCG	П
4143 TGGCCCAAAGCCCCAGACCATTITA TTAAAATGGTCTGGGGCTTTGGC 4144 TCGCCTGTCTTTGTCTCCGGACAAT TATTGTCCGGAGACAAAGACAGC 4145 TTGAGGCAACAGGGGCCAAAAACTA TTAGTTTTTGGCCCCTGTTGCCT 4146 TAGCGGAAGTAGTCCTCGGCTCGTC TGACGAGCCGAGGACTACTTCCC 4147 TGGCCCCAAGGCTTAGAGATAGTGG TCCACTATCTCTAAGCCTTGGGG 4148 TGCACGTGAAGTTTAACCGCGATTC TGAATCGCGGTTAAACTTCACGT 4149 TAGCGGCAGAAACGTTCCTTGACGG TCCGTCAAGGAACGTTTCTGCCC 4150 TTCGTCGAGCAGACGAGATTGCACG TCGTGCAATCTCGTCTGCTCGAC 4151 TTCTTTGCCGCGTAACTGACTGCTT TAAGCAGTCAGTTACGCGGCAAA 4152 TTTTATGTGCCAAGGGGTTAACCGA TCGGTTAACCCCTTGGCACATA 4153 TTGTTACTGTGGTTCACGGCAGTCC TGGACTGCCGTGAACCACAGTAA 4154 TCGCGCCTCGCTAGACCTTTTATTG TCAATAAAAGGTCTAGCGAGGCCG	CG
4144 TCGCCTGTCTTTGTCTCCGGACAAT TATTGTCCGGAGACAAAGACAGG 4145 TTGAGGCAACAGGGGCCAAAAACTA TTAGTTTTTGGCCCTGTTGCCT 4146 TAGCGGAAGTAGTCCTCGGCTCGTC TGACGAGCCGAGGACTACTTCCC 4147 TGGCCCCAAGGCTTAGAGATAGTGG TCCACTATCTCTAAGCCTTGGGG 4148 TGCACGTGAAGTTTAACCGCGATTC TGAATCGCGGTTAAACTTCACGT 4149 TAGCGGCAGAAACGTTCCTTGACGG TCCGTCAAGGAACGTTTCTGCCC 4150 TTCGTCGAGCAGACGAGATTGCACG TCGTGCAATCTCGTCTGCTCGAC 4151 TTCTTTGCCGCGTAACTGACTGCTT TAAGCAGTCAGTTACGCGGCAAA 4152 TTTTATGTGCCAAGGGGTTAACCGA TTCGGTTAACCCCTTGGCACATA 4153 TTGTTACTGTGGTTCACGGCAGTCC TGGACTGCCGTGAACCACAGTAA 4154 TCGCGCCTCGCTAGACCTTTTATTG TCAATAAAAGGTCTAGCGAGGCC	₩.
TIGAGGCAACAGGGGCCAAAAACTA TTAGTTTTTGGCCCTGTTGCCT 4146 TAGCGGAAGTAGTCCTCGGCTCGTC TGACGAGCCGAGGACTACTTCCC 4147 TGGCCCCAAGGCTTAGAGATAGTGG TCCACTATCTCTAAGCCTTGGGG 4148 TGCACGTGAAGTTTAACCGCGATTC TGAATCGCGGTTAAACTTCACGT 4149 TAGCGGCAGAAACGTTCCTTGACGG TCCGTCAAGGAACGTTTCTGCCC 4150 TTCGTCGAGCAGACGAGATTGCACG TCGTGCAATCTCGTCTGCTCGAC 4151 TTCTTTGCCGCGTAACTGACTGCTT TAAGCAGTCAGTTACGCGGCAAA 4152 TTTTATGTGCCAAGGGGTTAACCGA TTCGGTTAACCCCTTGGCACATA 4153 TTGTTACTGTGGTTCACGGCAGTCC TGGACTGCCGTGAACCACAGTAA 4154 TCGCGCCTCGCTAGACCTTTTATTG TCAATAAAAGGTCTAGCGAGGCC	CC
4146 TAGCGGAAGTAGTCCTCGGCTCGTC TGACGAGCCGAGGACTACTTCCC 4147 TGGCCCCAAGGCTTAGAGATAGTGG TCCACTATCTCTAAGCCTTGGGG 4148 TGCACGTGAAGTTTAACCGCGATTC TGAATCGCGGTTAAACTTCACGT 4149 TAGCGGCAGAAACGTTCCTTGACGG TCCGTCAAGGAACGTTTCTGCCC 4150 TTCGTCGAGCAGACGAGATTGCACG TCGTGCAATCTCGTCTGCTCGAC 4151 TTCTTTGCCGCGTAACTGACTGCTT TAAGCAGTCAGTTACGCGGCAAA 4152 TTTTATGTGCCAAGGGGTTAACCGA TTCGGTTAACCCCTTGGCACATA 4153 TTGTTACTGTGGTTCACGGCAGTCC TGGACTGCCGTGAACCACAGTAA 4154 TCGCGCCTCGCTAGACCTTTTATTG TCAATAAAAGGTCTAGCGAGGCCG	CG
4147 TGGCCCCAAGGCTTAGAGATAGTGG TCCACTATCTCTAAGCCTTGGGGGATAB TGCACGTGAAGTTTAACCGCGATTC TGAATCGCGGTTAAACTTCACGTGAAGTTAACTTCACGTGAAGAAACGTTCCTTGACGG TCCGTCAAGGAACGTTTCTGCCGGAAAACGTTCCTTGACGG TCGTGCAATCTCGTCTGCTCGACGAAACGTTTTTGCCGCGTAACTGACTG	A
4148 TGCACGTGAAGTTTAACCGCGATTC TGAATCGCGGTTAAACTTCACGT 4149 TAGCGGCAGAAACGTTCCTTGACGG TCCGTCAAGGAACGTTTCTGCCC 4150 TTCGTCGAGCAGACGAGATTGCACG TCGTGCAATCTCGTCTGCTCGAC 4151 TTCTTTGCCGCGTAACTGACTGCTT TAAGCAGTCAGTTACGCGGCAAA 4152 TTTTATGTGCCAAGGGGTTAACCGA TTCGGTTAACCCCTTGGCACATA 4153 TTGTTACTGTGGTTCACGGCAGTCC TGGACTGCCGTGAACCACAGTAA 4154 TCGCGCCTCGCTAGACCTTTTATTG TCAATAAAAGGTCTAGCGAGGCCG	СТ
4149 TAGCGGCAGAAACGTTCCTTGACGG TCCGTCAAGGAACGTTTCTGCCG 4150 TTCGTCGAGCAGACGAGATTGCACG TCGTGCAATCTCGTCTGCTCGAC 4151 TTCTTTGCCGCGTAACTGACTGCTT TAAGCAGTCAGTTACGCGGCAAA 4152 TTTTATGTGCCAAGGGGTTAACCGA TTCGGTTAACCCCTTGGCACATA 4153 TTGTTACTGTGGTTCACGGCAGTCC TGGACTGCCGTGAACCACAGTAA 4154 TCGCGCCTCGCTAGACCTTTTATTG TCAATAAAAGGTCTAGCGAGGCC	C
4150 TTCGTCGAGCAGACGAGATTGCACG TCGTGCAATCTCGTCTGCTCGAC 4151 TTCTTTGCCGCGTAACTGACTGCTT TAAGCAGTCAGTTACGCGGCAAA 4152 TTTTATGTGCCAAGGGGTTAACCGA TTCGGTTAACCCCTTGGCACATA 4153 TTGTTACTGTGGTTCACGGCAGTCC TGGACTGCCGTGAACCACAGTAA 4154 TCGCGCCTCGCTAGACCTTTTATTG TCAATAAAAGGTCTAGCGAGGCG	iC
4151 TTCTTTGCCGCGTAACTGACTGCTT TAAGCAGTCAGTTACGCGGCAAA 4152 TTTTATGTGCCAAGGGGTTAACCGA TTCGGTTAACCCCTTGGCACATA 4153 TTGTTACTGTGGTTCACGGCAGTCC TGGACTGCCGTGAACCACAGTAA 4154 TCGCGCCTCGCTAGACCTTTTATTG TCAATAAAAGGTCTAGCGAGGCG	T
4152 TTTTATGTGCCAAGGGGTTAACCGA TTCGGTTAACCCCTTGGCACATA 4153 TTGTTACTGTGGTTCACGGCAGTCC TGGACTGCCGTGAACCACAGTAA 4154 TCGCGCCTCGCTAGACCTTTTATTG TCAATAAAAGGTCTAGCGAGGCG	ŝΑ
4153 TTGTTACTGTGGTTCACGGCAGTCC TGGACTGCCGTGAACCACAGTAA 4154 TCGCGCCTCGCTAGACCTTTTATTG TCAATAAAAGGTCTAGCGAGGCG	3A
4154 TCGCGCCTCGCTAGACCTTTTATTG TCAATAAAAGGTCTAGCGAGGCG	A
TOATAAAGGTCTAGCGAGGCG	ΣA
4155 TACAAATGCGTGAGAGCTCCCAACT TAGTTGGGAGCTCTCACGCATTT	;G
	T
4156 TCGCGCAGATTATAGACCCGAATGT TACATTCGGGTCTATAATCTGCG	G
4157 TCAAATAACGCCGCTGAATCGGCGT TACGCCGATTCAGCGGCGTTATT	G
4158 TCCTTCGTGCATCGGTGATGATGTT TAACATCATCACCGATGCACGAA	G
4159 TTGAACACGAGCAACACTCCAACGC TGCGTTGGAGTGTTGCTCGTGTT	Α
4160 TCAGCAGATCCTTCGTAGCGGTCGT TACGACCGCTACGAAGGATCTGC	G
4161 TGGAACCTGGTGAGTTGTGCCTCAT TATGAGGCACAACTCACCAGGTT	c
4162 TTCATAAGCGACAATCGCGGGCTTA TTAAGCCCGCGATTGTCGCTTAT	A
4163 TCCCAACGTCACTGAAGCTCACAGT TACTGTGAGCTTCAGTGACGTTG	G
4164 TTGTCAGAGCCCGCGACTCAGACGG TCCGTCTGAGTCGCGGGCTCTGA	SA
4165 TTACACGAAGCCTCTCCGTGGTCCA TTGGACCACGGAGAGGCTTCGTC	ГА
4166 TCTCAGAAGTCCTCGGCGAACTGGG TCCCAGTTCGCCGAGGACTTCTG	$\overline{}$

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4167	TATCCTTTTATCTACTCCGCGGCGA	TTCGCCGCGGAGTAGATAAAAGGAT
4168	TAGGCGTGCAGCAACAGGATAAACC	TGGTTTATCCTGTTGCTGCACGCCT
4169	TACTCTCGAGGGAGTCTCTGGCACA	TTGTGCCAGAGACTCCCTCGAGAGT
4170	TTTGCCAGGTCCATCGAGACCTGTT	TAACAGGTCTCGATGGACCTGGCAA
4171	TTCCACTATAACTGCGGGTCCGTGT	TACACGGACCCGCAGTTATAGTGGA
4172	TGCCCAGTCGGCTCTAACAAGTTCG	TCGAACTTGTTAGAGCCGACTGGGC
4173	TCGGAACGGATAATCGGCGTCAGGT	TACCTGACGCCGATTATCCGTTCCG
4174	TTAAAATAAGCGCCTGGCGGGAGGA	TTCCTCCCGCCAGGCGCTTATTTTA
4175	TGCGCACTCGTGAAACCTTTCTCGC	TGCGAGAAAGGTTTCACGAGTGCGC
4176	TAGTTTGCCAGGTACTGGCAAGTGC	TGCACTTGCCAGTACCTGGCAAACT
4177	TACAACGAGGGATGTCCAGCGGCAT	TATGCCGCTGGACATCCCTCGTTGT
4178	TTTCGCAGCACCCGCTAGGTACAGT	TACTGTACCTAGCGGGTGCTGCGAA
4179	TTAACCCGATTTTTGCGACTCTGCC	TGGCAGAGTCGCAAAAATCGGGTTA
4180	TCGTCGCATTGCAAGCGTAGGCTTG	TCAAGCCTACGCTTGCAATGCGACG
4181	TGAGCTGACGTCACCATCAGAGGAA	TTTCCTCTGATGGTGACGTCAGCTC
4182	TGGAGGCTGGGGGTCGCGCTTAAGT	TACTTAAGCGCGACCCCCAGCCTCC
4183	TTTGTGGGAACCGCACTAGCTGGCT	TAGCCAGCTAGTGCGGTTCCCACAA
4184	TCCCTCGCACTGTGTTCACCCTCTT	TAAGAGGGTGAACACAGTGCGAGGG
4185	TTCATTGACTCGAATCCGCACAACG	TCGTTGTGCGGATTCGAGTCAATGA
4186	TACAGGGGTTGGCCTTCGTACGTAC	TGTACGTACGAAGGCCAACCCCTGT
4187	TAGGCCGTGCAACATCACACAGGAT	TATCCTGTGTGATGTTGCACGGCCT
4188	TGGGCCGTGGTCACGTAATATTGGC	TGCCAATATTACGTGACCACGGCCC
4189	TGCGCGGACATGAAACGACAAGGCC	TGGCCTTGTCGTTTCATGTCCGCGC
4190	TCTTATTGGGTGCCGGTGTCGGATT	TAATCCGACACCGGCACCCAATAAG
4191	TGGGGCGGTTACCAAAAAATCCGAT	TATCGGATTTTTTGGTAACCGCCCC
4192	TCCGTCGCATACCGGCTACGATCAA	TTTGATCGTAGCCGGTATGCGACGG
4193	TATGGCCGTGCTGGGGACAAGTCAA	TTTGACTTGTCCCCAGCACGGCCAT
4194	TACGAAAAAGTGTGCGGATCCCCT	TAGGGGATCCGCACACTTTTTCGT
4195	TCCAAGTACACCGCACGCATGTTTA	TTAAACATGCGTGCGGTGTACTTGG
4196	TATCGTGCGTGGAGTGTCGCATCTA	TTAGATGCGACACTCCACGCACGAT
4197	TTCCAGATACCGCCCGAACTTTGA	TTCAAAGTTCGGGGCGGTATCTGGA
4198	TTCTGCTGGCAGCACGTGAAGTGGC	TGCCACTTCACGTGCTGCCAGCAGA
4199	TTTGAAATTGCTCTGCCGTCAGTCA	TTGACTGACGGCAGAGCAATTTCAA
4200	TAGTCAGGCGAGATGTTCAGGCAGC	TGCTGCCTGAACATCTCGCCTGACT
4201	TACAAGCCGACGTTAAGCCCGCCCA	TTGGGCGGCTTAACGTCGGCTTGT
4202	TCCCTAATGAGGCCAGTAACCTGCA	TTGCAGGTTACTGGCCTCATTAGGG
4203	TGTGAGACACACATCCCCTCCAATG	TCATTGGAGGGGATGTGTGTCTCAC
4204	TCGACGGATGCAGAGTTCAGTGGTC	TGACCACTGAACTCTGCATCCGTCG

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4206 TITGCGATGCCTGGCGGTATTACAA TITGTATACCGCCAGGCATCGCGG 4208 TITAGCAAAGCGGCGCCGTTAGCAA TITGCTAACGGCGCCGCTTTGCTAA TATATTACGCTGACCGGTTGCGG 4208 TGCGACGGGCCCTGAGGTATGTCGTC TGACGACAGGGACACCCGGTTTGTG 4210 TICTCGAAGCACAGCCCGGTTATTG TCATTACCGTGGCCTTCGAGGT 4211 TATGCTAACCGTTGGCCCTTGGACT TAGTTCCATGGCCAACGGTTAGCAC TAGTTCCATGGCCAACGGTTAGCAC TAGTTCCATGGCCAACGGTTAGCAC TAGTTCCATGGCCAACGGTTAGCAC TAGTTCCATGGCCAACGGTTAGCAC TAGTTCCATGGCCAACGGTTAGCAC TAGTTCCATGGCCAACGGTTAGCAC TAGTTCCATGGCCAACGGTTAGCAC TAGTTCCATGGCCAACGGTTACTCCAACGACGACGACACGACACGACACACAC		T	· •
4207 TCCCGACACGGTCAGCGTAATAAT 4208 TGCGACGGCCCTGAGGTATGTCGTC 4209 TCAAAAGTGTGTTCCCTTGCGCTTG 4210 TTCTCGAAGCACACCCCGGTTATTG 4211 TATGCTAACCGTTGCCCTTGGCGTTG 4212 TCTTGCGAGGTTAGCCCAGCGGTAGCACCCGGTTACCACTCGCACC 4213 TTGCTCACCGTTGGCCATGGAACT 4214 TCCAATGCCTAGCGCCATGGAACT 4215 TAGCCAATACCGTAGCACCC 4216 TTGCCAATGCCCAAGCGCGT 4217 TTCGCGTTGGCCCATGGACCC 4218 TCTGCGGATGTTGCCCATGCCCAT 4219 TCTGCGGAGTTTGCCCATGCCCAT 4210 TTGCCGTAGCCCAACGCGT 4211 TCCCATGCCTTAGCCCAACGCGT 4212 TCCAATGCCTTGCCCATTGCCCCAT 4213 TTGCCCCTAGCGCCCCATTGCCCC 4214 TCCAATGCCTTTGAGTAAGCGATGG 4215 TAGCAGATAACGTCCCCAATGACCCC 4216 TTTGACCATTACCTGTTGCGCCCAT 4217 TTCGCGTATTTGCGCCCAT 4218 TCTGCGGTATTTGCGCCCAT 4219 TCTGCGGTACACAATGCCCC 4219 TCTCGGGAGGTCACAACACGTCCCAAG 4220 TCTCCGGGAGGTCACACACGTCCCGAG 4221 TTTTTTTTCCTCCCGAAGGTCCACACGTCCCGGAGCAATACCCCAAGA 4222 TCCGGGAGGTCACTTAATTGCGG 4221 TTTTTTTCGTATTGCCCCGAAGGTCCCCACACCGTAATCGCTCACACCCACACACGTAATCCCCGAAG 4222 TCCGGGAGGTCACTTAATTGCGG 4223 TCGAGCCCAACGCAAACACCCTCCTTTT CCAAGGACCTTTTCCGCTACATCCCGAACACCGTACATCCCGAACACCGTACATCCCCGAACACCCTACATCCCCGAACACCCTACATCCCGAACACCCTACATCCCGAACACCCTACATCCCGAACACCCTACATCCCGAACACCCTACATCCCGAACACCCTACATCCCGAACACCCTACATCCCGAACACCCTACATCCCGAACACCCTACATCCCGAACACCCTACATCCCGAACACACCTTCCTGTTC 4224 TGCAAAGCCTTTCTGGGGCCGTACTTCCTGTTC 4225 TATTCGACCGGAAACACCTCCTCTTTTC 4226 TTCGCGTAGGTCACTTCTTTC 4226 TTCGCGTAGAGACCCCATTCCCGAGT 4227 TCGCCTGAGTAGACACCCATTCCCGAGT 4228 TAACCCTATTCCGGGGCTACTTTCG 4229 TGGGGCCAACCGGTTCCGAGT 4220 TCCGCAAGACACCCATTCCCGAGT 4221 TGGGGAAGACCCCATTCCCGAGT 4222 TCGCGAGAACCCCATTCCCGAGT 4223 TCGCACCACACGGTTCCTGTTT 4240 TCACACAGCCAAACACCTTCCTGTTTC 4251 TAGCCACCCACTTCCCGAGT 4261 TAACCAGCCGGAACTACGCCCATTCCCGAGT 427 TCGCCTGCTCACTCCCGAGT 428 TAACCCACCCGTTCCACGTTTTTATCCGCCCCCCACAAACGCTTTTACCCCCCCC	4205	TCCCGCATGCCTGGCGGTATTACAA	TTTGTAATACCGCCAGGCATGCGGG
4208 TGCGACGCCCTGAGGTATGTCGTC TGACGACATACCTCAGGGCCGTCGC 4209 TCAAAAGTGTGTCCCTTGCGCTTG TCAAGCGCAAGGGAACACACTTTTG 4210 TTCTCGAAGCACAGCCCGGTTATTG TCAATACCGGGCTGGCTTGCTTCGAGA 4211 TATGCTAACCGTTGGCCATGGAACT TAGTTCCATGGCCAACGGTTAGCAT 4212 TCTTGCGGAGTGTTAGCCCAGCGGT TACCGCTGGGCCAACGGTTAGCAT 4213 TTGCTCCCTAGGCGCTCGGAGGAGT TACCTCCCGAGGCCCCTAGGGAGCA 4214 TCCAATGCCTTTGAGTAAGCGAGGGT TACCTCCCGAGCGCCTAGGGAGCA 4215 TAGCAGATAACGTCCCAATGACGCC TGGCGTATGCAACGCCTAGGGAGCA 4216 TTGACCATTACGTGTTGCGCCATT 4217 TCCGCGTATTTGCGGAATTCGTCTG TCAGACGAATTCGCCAATGACGA 4218 TCTGCGTGTACACAATTCCCCCAG TCTGCGGACATTGGCAATACGCGA 4219 TCTCCGGGAGGTCACTAATTGCGG TCCGCAACACGTAATTGGCAACATTCCGCAAGACACGTAATTGCCCAAGA 4220 TCTCCGGGAGGTCACTAATTGCGG TCCGCAATTAAGTGCACCAGA 4221 TTTTTCGTGATTACCCCGAGG TGCCCCAATTAAGTGCACCCAGA 4222 TCCGGGAGGTCACTTAATTGCGG TCCGCCAATTAAGTGCACCCAGA 4223 TCGAGCCAACGCAAACACGTCCTTG TCAAGGACGTTTTCCGTGGTCAACAATGCCGAA 4224 TGCAAAGCCTTTTGTGGGGCCTCTTG TCAAGGACGTTTTCCGTGGTCCACAAAA 4225 TTCGGGATGTAGCTGGGGCCTACCGG TCCGGTAGCCCCACAAAGCCTTCCGA 4226 TTCCGCGAAATACAGGACCTCTTTG TCAAGGACGTTTTCCGTGGTCCA 4227 TCGCGTGAAACACGCTCTTTG TCAAGGACCTGTTTCCGGTCGAAT 4228 TATCCACCGCAAATGAGGTCTTCT TGAACAAGCCCCCACAAAGCCTTTCCGGAA 4229 TCGGGTGAAGACCCCATTCCCGAGT TACTCACGCCCCACAAAGCCTTTCCGGAA 4220 TTCGCGTGAAGACCCCATTCCCGAGT TACTCACCGCCCCACAAAGCCTTTCCGGAA 4221 TTTCGACCGGAAATGAGGTCTTCT TGAACAAGCACCTCATTCCCGGAA 4222 TCGGGTGAAGACCCCATTCCCGAGT TACTCACCGCCCCACAAAGCCTTTCCGGCAATACACGAAACACGGTTT TACACCACCCCCCACAAAGCCTTTTCCGCGCAACACACGGTTTCCGAGAATTAAGTGACCACACCCCCACAAAGCCTTTTCAGCGCCCCACAAAGCCTTTTCAGCGCCCCACAAAGCGCTTTCCAGAGAACCTCATTCCAGCAACTTCACCACACCCCCCACAAGCAACCGGTTTCAACCACCCCCCACAAGCAACCGGTTTTCAACCACCCCCCCACAAGCGAACACCGGTTTCAACCACCCCCCCACAAGCGAACACGGTTTCAACCACCCCCCACAAAGCGCTTTTCAACCACCCCCCCACAAAGCGTTTTCAACCACCCCCCTTTCAACCACCCCCCCC		 	TTTGCTAACGGCGCCGCTTTGCTAA
4209 TCAAAAGTGTGTTCCCTTGCGCTTG 4210 TTCTCGAAGCACAGCCCGGTTATTG 4211 TATGCTAACCGTTGGCCATGGAACT 4211 TATGCTAACCGTTGGCCATGGAACT 4212 TCTTGCGGAGTTATGCCCAGCGGT 4213 TTGCTCCCTAGGCGCTTGGCCATGGAACT 4214 TCCAATGCCTTTGAGCCAGCGGT 4215 TAGCTCCCTAGGCGCTCGGAGGAGT 4216 TCCAATGCCTTTGAGTAAGCGCAT 4217 TCGCGTAGTTACCCCAATGACGCC 4218 TCGACGATAACGTCCCAATGACGCC 4219 TTCGCGTATTTGCGGAATTCGTCTG 4218 TCTGCGTACACAACACTCCGCAAG 4219 TCTCGGGAGTGCAACAACTCCGCAAG 4219 TCTCGGGAGTTCACCCAAG 4210 TCTCCGGGAGGTTCACTAATTGCGG 4221 TTTTGGTGCACCACAACAACTTCCCGCAG 4222 TCGGGGAGTTACCTCAACAATTGCGG 4221 TTTTTGGTGATCACACAATTGCGG 4222 TCGGGAATTAACTGCGCAG 4223 TCGAAGACCTCTTTGTTGCGCCCAT 4224 TCCAAAGCCTTTGTGCGCCCAG 4224 TCCAAGACAATTCCCGCAG 4225 TTCGGGAATTACTGCGG 4226 TCCCCGGAGGTCACTAATTGCGG 4227 TCGGGAATTAAGTGCCCCGAG 4228 TCGAAGACCTCTTGTGCGCCCAGCAAGACCTCCCGAACACCGTAACACCCAGA 4229 TCGGGAATTAACTGCGG 4220 TCCCCGGAAGGTCACCAG 4221 TTCTCCGGAAGTCACCAG 4222 TCGGGAATTAAGTGACCTCCCGGAG 4223 TCGAAGACCTTTGTGGGCCCCACAAAGACCTCCCGAACACCGTACCCGA 4224 TGCAAAGCCTTTGTGGGGCCGGTACT 4225 TATTCGACCGGAAATAACGCTCCTTG 4226 TTCGGCTGAAACACCTCCTTGTC 4227 TCGCGTGAAGACCCCATTCCCGAGT 4228 TAACCCGTATTCGCGGTCACTTCCGAGT 4229 TGGGGCCAACCCCATTCCCGAGT 4229 TGGGGCCAACCCCATTCCCGAGT 4229 TGGGGCCAACCCCTTTCGAGGCGTAT 4229 TGGGGCCAACCCCTTTCGAGGCGTAT 4220 TTCGCTGAGTTGCTCTGTTC 4230 TTCGGCTGGAATAACGGCTT 4231 TACGCCTGGCAATCACGAACCGTT 4232 TCGCGTGAACACCCCTTTCAGGCGCTACCACACCGCCCACAACGGTTGCCCC 4233 TACCCCACACTTCCCGAGT 4234 TTAACACCCTCTTTCAACCACCCC 4230 TTCGCTTGCTGAGACACCCCTTTTCAGGCGCTACCACCACCCCCCACAACGGTTTCCAGCGC 4231 TGGGTTGGTTAAAATGCACCGTT CAACACCTCCTTCCAACCGCCCCAACACCGTTTCCACCCCCCCACAACCGGTTTCCACCCCCCCACAACCGGTTTCCACCCCCCCC	4207		TATTATTACGCTGACCCGTGTCGGG
4210 TICTCGAAGCACAGCCCGGTTATTG TCAATAACCGGGCTGTGCTTCGAGA 4211 TATGCTAACCGTTGGCCATGGAACT TAGTTCCATGGCCAACGGTTAGCAT 4212 TCTTGCGGAGTGTTAGCCCAGCGGT TACCGCTGGCCAACGGTTAGCAT 4213 TIGCTCCCTAGGCGCTCGGAGGAGT TACCGCTGGGCTAACACTCCGCAAG 4214 TCCAATGCCTTTGAGTAAGCGATTG TCCATCGCTTACTCAAAGGCATTGG 4215 TAGCAGATAACGTCCCAATGACGCC TGGCGCTTAGTACACTCCGCAAG 4216 TTGACCATTACGTGTTGGGCCCAT TATGGGCGCAACACGTAATGTCTCAT 4217 TTCGCGTATTTGCGGAATTCGTCTG TCAGACGAACACGTAATGTGCCA 4218 TCTGCGTGTCAACAATGTCCCGCAG TCTGCGGACACACGTAATGGCCAG 4219 TCCTGGGGAGCTCACAG TCTGCGGACCTTTGACACGCAG 4220 TCTCCGGGAGGTCCACAG TCTGCGGGACCTTTGCACCCGGAG 4221 TITTTCGGTATTTGCGGAATTACGGG TCCGCAATTAAGTGACCTCCCGGAG 4222 TCCGGGATGACCTGAACACCGCAG TCCGGAATCACCGAAAAA 4222 TCCGGGATGACTGAGGGCTACCGG TCCGCAATTAAGTGACCTCCCGGAG 4223 TCGAGCCAACGCAAACACGTCCTTG TCAAGGACGTTTTGCTTTGC	4208	TGCGACGGCCCTGAGGTATGTCGTC	TGACGACATACCTCAGGGCCGTCGC
4211 TATGCTAACCGTTGGCCATGGAACT TAGTTCCATGGCCAACGGTTAGCAT 4212 TCTTGCGGAGTGTTAGCCCAGCGGT TACCGCTGGGCTAACACTCCGCAAG 4213 TTGCTCCCTAGGCGCTCGGAGGAGT TACTCCTCCGAGCGCCTAGGAGCA 4214 TCCAATGCCTTTGAGTAAGCGATGG TCCATCGCTTACTCAAAGGCATTGG 4215 TAGCAGATAACGTCCCAATGAGCCC TGGCGTCATTGGACGTTACTCCAATGCCTT 4216 TTTGACCATTACGTGTTGCGCCCAT TATGGGCGCAACACGGTTATCTGCT 4217 TTGGCGTATTTGCGGAATTCGTCTG TCAGACGAACACGGAATACGCGA 4218 TCTGCGTGCAACAATGTCCCGCAG TCTGCGGACATTCTGCGACAGATTCCGCAAATACGCGA 4219 TTCTGGTGCCACGCAAGGTCCACAG TCTGCGGACATTCTGCACCAGA 4220 TCTCCGGGAGGTCACTTAATTGCGG TCCGCAATTAAGTGACCTCCCGGAG 4221 TTTTTGCGATTGCCGGAAGAGCC TGCCTCTCCGGGCAATCACACAAA 4222 TCCGGGAGGTCACTTAATTGCGG TCCGCAATTAAGTGACCTCCCGGAG 4223 TCGAGCCAACGCCAAACACGCTCCTTG TCAAGGACGTTTTGCTTGCGTGGACCACACACACACACAC	4209	TCAAAAGTGTGTTCCCTTGCGCTTG	TCAAGCGCAAGGGAACACACTTTTG
4212 TCTTGCGGAGTGTTAGCCCAGCGGT 4213 TTGCTCCCTAGGCGCTCGGAGGAGT 4214 TCCAATGCCTTTGAGTAAGCGATGG 4215 TAGCAGTACACTCCCGCAGG 4216 TTTGACCATTACGTTTGAGTAAGCGCC 4216 TTTGACCATTACGTGTTGGCCCCAT 4217 TTCGCGTACCAATGACGCC TGGCGCCAACACGTTATCTGCT 4218 TCTGCGTGTACCAATGACGCC TGGCGCCAACACGTAATGGTCAA 4217 TTCGCGTATTTGCGGAATTCGTCTG TCAGACGAATTCCGCAAATACGCGA 4218 TCTGCGTGCAACAATGTCCCCAG TCTGCGGGACATTGTGACACCCAG 4219 TTCTGGTGCACACAGTCCACAG TCTGCGGGACATTGTTGACACCCAG 4220 TCTCCGGGAGGTCACACAG TCTGCGGGACATTGGTGACCCCAGA 4221 TTTTCGTGATTGCCCCGAAGGACGC TGCCTCCTCCGGAG 4222 TCGGGGAGGTCACTTAATTGCGG TCCGCAATTAAGTGACCTCCCGGAG 4223 TCGAGCCAACGCAAACACGTCCTTG TCAAAGACCTCCCGAA 4224 TGCAAAGCCTTTGTGGGGCCGTACT 4225 TATTCGACCGGAAATCAGGTCTTC TCAAAGACCTCATTCCGG 4226 TTTCGCTTGCTGGGGCCGTAGT TACTACCGCCCCACAAAGGCTTTGC 4227 TCGCGTGAAGACCCCATTCCCGAGT TACTACCGCCCCACAAAGGCTTTGC 4228 TACCCGCAACACACGTCCTGT TGAACAGAGCCACTCAGCAAC 4227 TCGCGTGAAGACCCCATTCCCGAGT TACTCCGGGACATCACGCGAA 4227 TCGCGTGAAGACCCCATTCCCGAGT TACTCCGGAATCACGCAA 4228 TAACCCGTATTCGCGGTCACTTGTG TCCACAAGTGACCCCCACAAAGCGTT 4229 TGGGGCCAACCGTTTCGAGGCGTAT TATACGCCTCCGAAACGGTT 4229 TGGGGCCAACCGTTCCGAGT TACTCCGGAACCGCGAAACCGGTA 4231 TGGGTGGTTAGAATGCACGTT TATACGCCTCCGAAACGGTTGCCCCC 4232 TGCGAGGACCCCATTCCGAGT TATACGCCTCCGAAACGGTTTCACCGC 4233 TACCGCAGCGCAACCGGTTC TGAACCGTTTGAACCACCCC 4230 TTTCGGCTGGCAGTCCAAACGGCTT TAAGCCGTTTGAACCGCGCAAACCGCTAACCGCTAACCGCTTTTAACCACACCC 4231 TGGGTGGTTAGAATGCACAACGGTT TAAGCCGTTTGAACCGCGGAATACCGCGAA 4231 TGGGTGGTTAGAATGCACGGTTC TGAACCGTTCTAAACCACCCC 4232 TGCGAGGACCGAACTAGACAAACGG TCCGTTTGTCTAAGCCACCCC 4233 TACGCACGGTTAACCACACCCCTTTCAAGCACACCCC 4234 TTAAAAGGTCGCTTTGAAAGGGGAC 4235 TACGCACGCGTAACCGCGTTTAACCACCCC 4236 TTGCGATCAACGGGTTC TAAGCACACTCCCCTTTTAACCACACCCC 4237 TATGCTGCACAACGGGCCTCA TTGAGGCCCCCTTATACCACCCC 4238 TTGCGATCAACGGGACCACTTTGAACGGGACCGCTTATACCACCCC 4237 TATGCTGCACACGCGGACACTTCTGGT TACCACACGGCGTTAACCACCCC 4238 TTGTGGTTAAACGCGCGCCTCA TTGAGGCCGCTTAACCACCCC 4239 TCGTTCACACCGGCGAAACTTCTGTG TACCACAGAGTTTCCGCCGGGGTGAACCTTTAACCACCCAC	4210	TTCTCGAAGCACAGCCCGGTTATTG	TCAATAACCGGGCTGTGCTTCGAGA
4213 TIGCTCCTAGGCGCTCGGAGGAGT TACTCCTCCGAGCGCCTAGGGAGCA 4214 TCCAATGCCTTTGAGTAAGCGATGG TCCATCGCTTACTCAAAGGCATTGG 4215 TAGCAGATAACGTCCCAATGACGCC TGGCGTCATTGGGACGTTATCTGCT 4216 TITGACCATTACGTGTTGCGCCCAT TATGGGCGCAACACGTAATGGTCAA 4217 TICGCGTATTTGCGGAATTCGTCTG TCAGACGAATTCCGCAAATACGCGA 4218 TCTGCGTGTCAACAATGTCCCGCAG TCTGCGGGACATTGTTGACACGCAG 4219 TTCTGGTGCACCACAGAGTCCACAG TCTGTGGACCTTGCGTGGACCCAGA 4220 TCCCGGGAGGTCACTTAATTGCGG TCCCCAATTAAGTGACCTCCCGGAG 4221 TITTTCGTGATTGCCGCAGAGGC TCCCCCAGCAATACGCGACACACCTTCCGGAAGAGCCTTCCGGAAGAACACGTAATGCCGAACA 4222 TTCGGGATGTAGCTGGGGCTACCGG TCCCCCCAGCAACACCCCAGACACACCCAGACACACACAC	4211	TATGCTAACCGTTGGCCATGGAACT	TAGTTCCATGGCCAACGGTTAGCAT
4214 TCCATGCCTTTGAGTAAGCGATGG 4215 TAGCAGATACGTCCCAATGACGCC 4216 TTTGACCATTACGTGTTGCGCCCAT 4217 TTCGCGTATTTGCGGAATTCGTCTG 4218 TCTGCGTGTCAACAAGTCCCCAATGACGCC 4219 TTCTGCGTGCACCAAGTCCCCAAG 4219 TTCTGGTGCACCAAGTCCCCAAG 4220 TCCCCGGAAGTCCCCAAG 4221 TTTTCGGGACGTTAATTGCGG 4221 TTTTCGGGAATTCCCGCAG 4222 TCCCGGAAGTCCCCGCAG 4223 TCCGCGAAGTCCCCGCAG 4224 TGCAAGACCCTTGATTGCGGCAATTAAGTGACCCCCGGAG 4225 TCCGGAAGTACCCGCAG 4226 TCCGCGAAGTCACCGG 427 TCCGGGAGGTCACCTTG 428 TCCGCCCCAACACCCCAGACCCCCAGACCCCCAGACCCCCAGACCCCCAGACCCCCC	4212	TCTTGCGGAGTGTTAGCCCAGCGGT	TACCGCTGGGCTAACACTCCGCAAG
4215 TAGCAGATAACGTCCCAATGACGCC TGGCGTCATTGGGACGTTATCTGCT 4216 TITTGACCATTACGTGTTGCGCCCAT TATGGGCGCAACACGTAATGGTCAA 4217 TTCGCGTATTTGCGGAATTCGTCTG TCAGACGAATTCCGCAAATACGCGA 4218 TCTGCGTGTCAACAATGTCCCGCAG TCTGCGGGACATTGTTGACACGCAG 4219 TTCTGGTGCCACGCAAGGTCCACAG TCTGTGGACCTTGCGTGGACCAGA 4220 TCTCCGGGAGGTCACTTAATTGCGG TCCGCAATTAAGTGACCTCCCGGAG 4221 TTTTTCGTATTGCCCGGAGGAGGC TCCGCAATTAAGTGACCTCCCGGAG 4222 TCGAGCCAACGCAACACGTCCTTG TCAGAGACCCCAGCTACATCCCGA 4223 TCGAGCCAACGCAAACACGTCCTTG TCAAGGACGTGTTTGCGTTGGCTCG 4224 TGCAAAGCCTTTGTGGGGCGGTAGT TACTACCGCCCCACAAAGGCTTTGC 4225 TATTCGACCGGAAATGAGGTCTTCG TCGAAGACCTCATTTCCGGTCGAAT 4226 TTTCGCTTGCTGAGTTGCTCTGTTC TGAACAGACCACCCAACAAGCGAA 4227 TCGCGTGAAGACCCCAATTCCCGAGT TACTCGGGAATGACGCAA 4228 TAACCGTATTCGCGGTCACTTTGTGG TCCACAAGTGACCCCCAAAACGGAT 4229 TGGGGCCAACCGTTTCCAGGCGTAT TACTCGCGGAATACGGTT 4220 TTTCGGTTGCAGTCACTTTGTGG TCCACAAGTGACCCCCAAAACGGTT 4230 TTTCGGCTGGAAGTCCCAAACGGCTT TAACCCCCCCAAAACGGTTTGCCCCC 4230 TTTCGGCTGGCAGTCCAAACGGCTT TAACCCCTCGAAACCGTTTCCACCCC 4231 TGGGTGGCTGCAAACGGGTT TAACCCCTCGAAACCGTTTCACCCC 4232 TGCGAGGACCCGAACTAGACAAACGG TCCGTTTGTGTCTTAACCACACCC 4233 TACGCACCGTTAGAATGCACGGTTC TGAACCGTGCATTCTAACCACACCC 4234 TTAAAAGGTCGCTTTGAAAGGGGGA TCCCCTTTCAAGCGACCTTTTAA 4235 TTGCGATCGCTAACTGCTGGGACAA 4236 TGGAGGTATAAGCGGACCGCAAA 4237 TATGCTGCACCGCTTGAAAGGGGACTTTTAACCACACCC 4237 TATGCTGCACCTTTGAAAGGGGACAA 4238 TGGGAGCTAACTGCTGGGACAA 4239 TCCCCTTTCAAAGCGACCTTTTAACCACACCC 4237 TATGCTGACATTCCTGTGCACCTCTCTTTAACCACACCC 4238 TGGAGGTAAAGCGGTTCAACTGCTGGACCGTTCAACCGCTTCAACCGCTTCAACCGCTTCAACTGCCTGC	4213	TTGCTCCCTAGGCGCTCGGAGGAGT	TACTCCTCCGAGCGCCTAGGGAGCA
4216 TTTGACCATTACGTGTTGCGCCCAT 4217 TCGCGTATTTGCGGCAGATTCGTCTG 4218 TCTGCGTGTCAACAATGTCCCGCAG 4219 TCTGGGGACACACCGCAAATACGCGA 4219 TCTGGTGCCACGCAAGGTCCACAG 4220 TCTCCGGGAGGTCCACAG 4221 TTTTCGTGTTGCCCCGAG 4222 TCCCGGGAGGTCCCCGGAGGAGGC 4222 TTCGGGACTTAATTGCGG 4223 TCGAGCCAACACGTCCTTG 4224 TGCAAAGCCTTTGTGGGGCTACCGG 4224 TGCAAAGCCTTTGTGGGGCGTAGT 4225 TATTCGACCGGAAACACGTCCTTG 4226 TTTCGCTGGAAATAAGGTGCTCG 4227 TCCGGGAAATAAGGTCCCGAAACACGTCCTTG 4228 TACCGTAGAGAACACGTCCTTG 4229 TCGCGCAATTAAGTGCCCGAACACGTCCTTG 4220 TCCGGGAGGAGCC 4221 TCGAGGCCAACACGCCAACACGTCCTTG 4222 TCGAGGCCAACACGTCCTTG 4223 TCGAGCCAACGCAAACACGTCCTTG 4224 TGCAAAGCCTTTGTGGGGCGGTAGT 4225 TATTCGACCGGAAATGAGGTCTTCG 4226 TTTCGACCGGAAATGAGGTCTTCG 4227 TCGCGTGAAGACCCCATTCCCGAGT 4228 TAACCGTATTCCGAGTTGCTCTGTTC 4229 TGGGGCCAACCGTTCCGAGT 4229 TTCGCTGGCAGTCCAACACGCTT 4230 TTTCGGCTGGCAGTCCAACACGCTT 4230 TTCGGCTGGCAGTCCAAACGGCTT 4231 TGGGTGGGTTAGAATGCACGGTTC 4232 TGCGAGACCCGAACTACACACGCTT 4233 TACGCACCGGAACTCACACACCC 4234 TTAAAAAGGTCGCTTAAACAAACGG 4235 TGCGAGACCCGAACTAGACACACGG 4236 TGCGAGGACCGAACTAGACACACGG 4237 TAACGCTCCAACTGCTGCGCAACACGCGTT 4238 TTGCGACTGCTAACTGCTGGGACAAC 4239 TCCTCCCGCTGCAACGGCTTCACCGC 4239 TCGTTCACACCGGCGTAACCGCTTTAACCCACACCC 4239 TCGTTCACACCGGCGTAACCGCTTCAACCGCGTTCAACCACACCC 4239 TCGTTCACACCGGCGTAACCGCTTTAACCACACCC 4230 TTGGGACACTGCTAACTGCTGGGACAACTTCCCACCCC 4231 TGCGACCCCTAACTGCTGGGACAA 4232 TCCGACACTTCACCGACCTTTAACCACACCC 4233 TACGCACCGTAACTGCTGGGACAA 4234 TTAAAAGGTCGCTTTGAAAGGGGGA 4236 TGCGACCGTAACTGCTGGGACAA 4237 TATGCTGACATGCTGCGCACCTCGT 4238 TTGCGACACTGCTAACTGCTGGGACAAC 4239 TCCTCCCCTTTAACCCACCCC 4230 TCCCCCTTTAACCCCCGCTTTAACCCCC 4231 TACGCACCGTTAACCGCGTTCAACCGCTTTAACCCCCCCC	4214	TCCAATGCCTTTGAGTAAGCGATGG	TCCATCGCTTACTCAAAGGCATTGG
4217 TTCGCGTATTTGCGGAATTCGTCTG TCAGACGAATTCCGCAATACGCGA 4218 TCTGCGTGTCAACAATGTCCCGCAG TCTGCGGGACATTCTGCACACGCAG 4219 TTCTGGTGCACCACAGGTCCACAG TCTGTGGACCTTGCGTGGCACCAGA 4220 TCTCCGGGAGGTCACTTAATTGCGG TCCGCAATTAAGTGACCCCGAG 4221 TTTTTCGTGATTGCCCGGAGGAGGC TCCGCAATTAAGTGACCTCCCGGAG 4222 TTCGGGATGTAGCTGGGGCTACCGG TCCGGCAATCACGAAAA 4222 TTCGGGATGTAGCTGGGGCTACCGG TCCGGTAGCCCCAGCTACATCCCGA 4223 TCGAGCCAACGCAAACACGTCCTTG TCAAGGACGTGTTTGCGTTGGCTCG 4224 TGCAAAGCCTTTGTGGGGCGGTAGT TACTACCGCCCCACAAAGGCTTTGC 4225 TATTCGACCGGAAATGAGGTCTTCG TCGAAGACCTCATTTCCGGTCGAAT 4226 TTCGCTTGCTGAGTTGCTCTGTTC TGAACAGAGCAACTCAGCAAGCGAA 4227 TCGCGTGAAGACCCCATTCCCGAGT TACTCGGGAATTGGGGGAAT 4228 TAACCGTATTCGCGGTCACTTTGTGG TCCACAAGTGACCGCGAATACGGTT 4229 TGGGGCCAACCGTTTCGAGGCGTAT TATACGCCTCGAAACGGTTGGCCCC 4230 TTCGGCTGGCAGTCCAAACGGCTT TAAGCCGTTTGGAACCGCGAA 4231 TGGGTGGTTAGAATGCACGGTT TAAGCCGTTTGGACCCCCCACAAACGCTTTCACCCCCCCC	4215	TAGCAGATAACGTCCCAATGACGCC	TGGCGTCATTGGGACGTTATCTGCT
4218 TCTGCGTGTCAACAATGTCCCGCAG TCTGCGGGACATTGTGCACCGCAG 4219 TTCTGGTGCCACGCAAGGTCCACAG TCTGTGGACCTTGCGTGGCACCAGA 4220 TCTCCGGGAGGTCACTTAATTGCGG TCCGCAATTAAGTGACCCCGGAG 4221 TTTTTCGTGATTGCCCGGAGGAGGC TCCGCAATTAAGTGACCTCCCGGAG 4222 TTCGGGATGTAGCTGGGGCTACCGG TCCGGTAGCCCCAGCTACACTCACCGAAAA 4222 TTCGGGATGTAGCTGGGGCTACCGG TCCGGTAGCCCCAGCTACATCACCGAA 4223 TCGAGCCAACGCAAACACGTCCTTG TCAAGGACGTGTTTGCGTTGGCTCG 4224 TGCAAAGCCTTTGTGGGGGCGGTAGT TACTACCGCCCCACAAAGGCTTTGC 4225 TATTCGACCGGAAATGAGGTCTTCG TCGAAGACCTCATTTCCGGTCGAAT 4226 TTTCGCTTGCTGAGTTGCTCTGTTC TGAACAGAGCAACTCAGCAAGCGAA 4227 TCGCGTGAAGACCCCATTCCCGAGT TACTCGGGAATTGGGGTCTTCACGCG 4228 TAACCGTATTCGCGGTCACTTTGTGG TCCACAAGTGACCGCGAATACGGTT 4229 TGGGGCCAACCGTTTCGAGGCGTAT TATACGCCTCGAAACGGTTGGCCCC 4230 TTTCGGCTGGCAGTCCAAACGGCTT TAAGCCGTTTGGACTGCCCC 4231 TGGGTTGGTAGAATGCACGGTT TAAGCCGTTTGGACTGCCCCC 4232 TGCGAGGACCGAACTAGACAACCG TCCGTTTGTACCACACCCC 4232 TGCGAGGACCGAACTAGACAAACGG TCCGTTTGTTCTAACCACACCCC 4233 TACGCACGCGTGACCGAAGTTGCTG TCAGCAACTTCGGTCCTCGC 4234 TTAAAAGGTCGCTTTGAAAGGGGGA 4234 TTAAAAGGTCGCTTTGAAAGGGGGA 4236 TGGGAGGACCGAACTAGACAAACCG TCCGTTTCAAAGCGACCTTTTA 4236 TTGCGATCGCTAACTGCTGGGACAA 4237 TATGCTGACATGCTGGGACAA 4238 TTGCGATCGCTAACTGCTGGGACCAA 4238 TTGTGGTTAAAGCGGAGGGCCTCA 4239 TCGTTCACACCGGGTTCAACG 4239 TCGCTTCACCGGGGAGACTTCACCC 4239 TCGTTCACACCGGGGAGACTTCTAACCACACCACCC 4230 TCGTTCACACCGGGGAGACTTTCACCCCACACCACCCC 4231 TAGCCACGTTCAACGGCGTTCAACGGTTCACCCCCTTTCAAACCGACCTTTTAACCACACCCC 4232 TAGCCACGCTTAACCGCGGGACCACTTTTAACCACACCCC 4233 TACGCACCGTTAACCGCGGGACCACACTTTCACCCCCTTTCAAAGCGACCCTTTTAACCACACCCC 4234 TTAAAAGGTCCGTTTGAAAGGGGGACCTTTTAACCACACCCC 4236 TGGGAGGTAAAGCGGACGCTTCAACGCTCGCTTTAACCCCCCTTTCAACGCACCTTTTAACCACACCCCCTTTCAACGCGGGACACTTTTAACCACACCCCCTTTCAACGCACCTTTTAACCACACCCCCCTTTCAACGCACCTTTTAACCACACCCCCCTTTCAACCACACCCCCCTTTCAACCGCGGTTGAACGACCTTTTAACCACACACCCCCCCC	4216	TTTGACCATTACGTGTTGCGCCCAT	TATGGGCGCAACACGTAATGGTCAA
4219 TICTGGTGCCACGCAAGGTCCACAG 4220 TCTCCGGGAGGTCACTTAATTGCGG TCCGCAATTAAGTGACCTCCCGGAG 4221 TITTTCGTGATTGCCCGGAGGAGGC TGCCTCCCGGGCAATCACGAAAA 4222 TICGGGATGTAGCTGGGGCTACCGG TCCGGTAGCCCCAGCTACATCCCGA 4223 TCGAGCCAACGCAAACACGTCCTTG TCAAGGACGTGTTTGCGTTGGCTCG 4224 TGCAAAGCCTTTGTGGGGCGGTAGT TACTACCGCCCCACAAAAGGCTTTGC 4225 TATTCGACCGGAAATGAGGTCTTCG TCGAAGACCTCATTTCCGGTCGAAT 4226 TTTCGCTTGCTGAGTTGCTCTGTTC TGAACAGAGCAACTCAGCAAA 4227 TCGCGTGAAGACCCCATTCCCGAGT TACTACCGCCCCACAAAGGCTTTAC 4228 TAACCGTATTCGCGGTCACTTTTTTC 4229 TGGGGCCAACCGTTTCAGGCGTAT TACTCGGAATACGGTT 4220 TTCGGCTGGCAGTCCAAACGGCTT TAAGCCCTCGAAACGGTTGGCCCC 4230 TTCGGCTGCAGTCCAAACGGCTT TAAGCCCTCGAAACGGTTGGCCCC 4231 TGGGTGGTAGAATGCACGGTTC TGAACCGTGCATCCAGCAACCGCAA 4231 TGGGTGGGTAAAACGGCTT TAAGCCGTTTTAACCACACCC 4232 TGCCAGGACCGAACTAGACAAACGG TCCGTTTTGTTTT	4217	TTCGCGTATTTGCGGAATTCGTCTG	TCAGACGAATTCCGCAAATACGCGA
4220 TCTCCGGAGGTCACTTAATTGCGG TCCGCAATTAAGTGACCTCCCGGAG 4221 TTTTTCGTGATTGCCCGAGGAGGC TGCCTCCCGGGCAATCACGAAAA 4222 TTCGGGATGTAGCTGGGGCTACCGG TCCGGTAGCCCCAGCTACATCCCGA 4223 TCGAGCCAACGCAAACACGTCCTTG TCAAGGACGTGTTTGCGTTGGCTCG 4224 TGCAAAGCCTTTGTGGGGCGGTAGT TACTACCGCCCCACAAAGGCTTTGC 4225 TATTCGACCGGAAATGAGGTCTTCG TCGAAGACCTCATTTCCGGTCGAAT 4226 TTCGCTTGCTGAGTTGCTCTGTTC TGAACAGACCACCACAAGCGAA 4227 TCGCGTGAAGACCCCATTCCCGAGT TACTCGGGAATGAGGTCTTCACGCG 4228 TAACCGTATTCGCGGTCACTTTGTG TCCACAAGTGACCGCGAATACGGTT 4229 TGGGGCCAACCGTTTCAGGGCGTAT TATACGCCTCGAAACAGGTT 4229 TGGGGCCAACCGTTTCGAGGCGTAT TATACGCCTCGAAACAGGTT 4230 TTCGGCTGGCAGTCCAAACGGCTT TAAGCCGTTTGGACTGCCAGCCGAA 4231 TGGGTGGTTAGAATGCACGGTTC TGAACCGTTCTAACCACACCC 4232 TGCGAGGACCGAACTAGACAAACGG TCCGTTTGTCTTAACCACACCCC 4233 TACCCACGCGTGACCGAAGTTGCTG TCAGCAACTTCCGGCGTCCTCGC 4234 TTAAAAGGTCGCTTTGAAAGGGGGA TTCCCCCTTTCAAGCGACCTTTTA 4235 TGCGAGGACCGAACTAGACAAACGG TCAGCAACTTCCGGCACCGAA 4236 TGGAGTAAACGGACCTTTTAAACCGCACCCTTTTA 4237 TAGCGCACCGTAACTGCTGGACAAA 4238 TTGCGATCGCAACTGCTGGACAA 4239 TCGTTAAACCGACCCTCGT TACGAGGTGCACCACCC 4239 TCGTTCACACCGCGTTCAACG TCCTTTGAACCGCACCACCC 4239 TCGTTCACACCGCGTTCAACG TCCTTTGACCACCCACCC 4240 TCCTATCCCGCGGAGAACTTCTGTG TCACAGAAGTTCCGCCGGGTTAACCACAC 4240 TCCTATCCCGGCGAAACTTCTGTG TCACAGAAGTTCTCGCCGGGGATAGG 4241 TGTCTGCACTCACGCAGCGGAGGGA TTCCCCTCCGCTGCGTGAACG 4241 TGTCTGCACTCACGCAGCGGAGGGA TTCCCCCCTTCCGCTGGAACG 4241 TGTCTGCCCGCGAGAACTTCTGTG TCACAGAAGTTCTCGCCGGGATAGG 4241 TGTCTGCACTCACGCAGCGGAGGGA TTCCCCCCGCTGAGGTGCAACG 4241 TGTCTACCCCGCGAGAACTTCTGTG TCACAGAAGTTCTCGCCGGGATAGG 4241 TGTCTCCCCGCGGAGAACTTCTGTG TCACAGAAGTTCTCGCCGGGATAGG 4241 TGTCTGCACTCACGCAGCGGAGGGAACTTCTGTG TCACAGAAGTTCTCGCCGGGATAGG 4241 TGTCTGCCCCGCGGAGAACTTCTGTG TCACAGAAGTTCTCCCCGGGGATAGG 4241 TGTCTGCCCCGCGGAGAACTTCTGTG TCACAGAAGTTCTCCCCGGGGATAGG 4241 TGTCTCCCCCGCGGAGAACTTCTGTG TCACAGAAGTTCTCCCCGGGGATAGG 4241 TGTCTCCCCCGCGGAGAGCGTTTAACCCCCGCGGGAGAGCTTTAACCCCCGCGGGATAGG 4241 TGTCTCCCCCGCGGAGAGCGTTTAACCCCCGGGGATAGG	4218	TCTGCGTGTCAACAATGTCCCGCAG	TCTGCGGGACATTGTTGACACGCAG
4221 TITTICGTGATTGCCCGGAGGAGGC TGCCTCCCGGGCAATCACGAAAA 4222 TTCGGGATGTAGCTGGGGCTACCGG TCCGGTAGCCCCAGCTACATCCCGA 4223 TCGAGCCAACGCAAACACGTCCTTG TCAAGGACGTGTTTGCGTTGGCTCG 4224 TGCAAAGCCTTTGTGGGGCGGTAGT TACTACCGCCCACAAAGGCTTTGC 4225 TATTCGACCGGAAATGAGGTCTTCG TCGAAGACCTCATTTCCGGTCGAAT 4226 TTTCGCTTGCTGAGTTGCTCTGTTC TGAACAGAGCAACTCAGCAAGCGAA 4227 TCGCGTGAAGACCCCATTCCCGAGT TACTCGGGAATGGGGTCTTCACGCG 4228 TAACCGTATTCGCGGTCACTTGTGG TCCACAAGTGACCGCGAATACGGTT 4229 TGGGGCCAACCGTTTCGAGGCGTAT TATACGCCTCGAAACGGTTGGCCCC 4230 TTTCGGCTGGCAGTCCAAACGGCTT TAAGCCGTTTGGACTGCCAGCCGAA 4231 TGGGTGGTTAGAATGCACGGTTC TGAACCGTTCTAACCACACCCC 4232 TGCGAGGACCGAACTAGACAAACGG TCCGTTTGTCTAGCTCGCGCGTACCCCCC 4233 TACGCACGCGTGACCGAAGTTGCTG TCAGCAACTTCGGTCACCGCGTGCGT 4234 TTAAAAGGTCGCTTTGAAAGGGGGA TTCCCCCTTTCAAAGCGACCTTTTA 4235 TTGCGATCGCTAACTGCTGGGACAA TTTGTCCCAGCAGTTACCACCCC 4236 TGGAGGTATAAGCGGAGCGGCCTCA TTGAGGCCGCTCCGCT	4219	TTCTGGTGCCACGCAAGGTCCACAG	TCTGTGGACCTTGCGTGGCACCAGA
TICGGGATGTAGCTGGGGCTACCGG TCCGGTAGCCCCAGCTACATCCCGA TCGAGCCAACGCAAACACGTCCTTG TCAAGGACGTTTTGCGTTGGCTCG TCAAGGACGTTTTGCGTTGGCTCG TCAAGGACGTTTTGCGTTGGAAT TACTACCGCCCCACAAAGGCTTTGC TCGAAGACCTCATTTCCGGTCGAAT TACTACCGCCCCACAAAGGCTTTGC TCGAAGACCTCATTTCCGGTCGAAT TCGCTTGCTGAGTTGCTCTGTTC TGAACAGACCACACTCAGCAAGCGAA TCGCGTGAAGACCCCATTCCCGAGT TACTCGGGAATGGGGTCTTCACGCG TCCACAAGTGACCGCGAATACGGTT TACTCGGGAATGGGGTCTTCACGCG TCCACAAGTGACCGCGAATACGGTT TATACGCCTCGAAACCGGTTCCCGAGT TATACGCCTCGAAACCGGTTCCCGAGT TTTCGGCTGGCAGTCCAAACCGGCTT TAAGCCCTTTGGACCCCCCCCCC	4220	TCTCCGGGAGGTCACTTAATTGCGG	TCCGCAATTAAGTGACCTCCCGGAG
TCGAGCCAACGCAAACACGTCCTTG TCAAGGACGTGTTTGCGTTGGCTCG TCGAAGCCTTTGTGGGGCGGTAGT TACTACCGCCCCACAAAGGCTTTGC TCGAAGACCTCATTTCCGGTCGAAT TCGCTTGCTGAGTTGCTCTTC TCGAAGACCTCATTTCCGGTCGAAT TCGCGTGAAGACCCCATTCCCGAGT TACTCGGGAATGGGGTCTTCACGCG TCCCCCGAATTCCCGAGT TACTCGGGAATGGGGTCTTCACGCG TCACAAGTGACCGCGAATACGGTT TACTCGGGAATGGGGTCTTCACGCG TCACAAGTGACCGCGAATACGGTT TACTCGGGAATGGGGTCTTCACGCG TCACAAGTGACCGCGAATACGGTT TATACGCCTCGAAACGGTTC TCACAAGTGACCGCGAATACGGTT TATACGCCTCGAAACGGTTGGCCCC TAAGCCGTTTGGAACGGTTGGCCCC TCGCTTTGGACTGCCAGCCGAA TTCGGGTGGTTAGAATGCACGGTTC TGAACCGTGCATTCTAACCACACCC TCGTTTGTCTAGTTCGGTCCTCGC TCACAAGTGACCGCAACCGGTT TATACGCCTCGAAACGGTTT TATACGCCTCGAAACGGTTT TAAGCCGTTTGGACCGCAACCCC TCGTTTGTCTAGTTCCGGTCCTCGC TCACACACTTCCGGTCACCGCTTCAAACGGTTC TCACACACTTCCGAAACCCC TCGTTTGTCTAACCACACCC TCGTTTGTCTAGTTCCGGTCCTCGC TCAGCAACTTCCGTTCAAAGCGACCTTTTA TTTTTCCCAGCAACTTTCAAACCACACCC TTTTTTTTTT		TTTTCGTGATTGCCCGGAGGAGGC	TGCCTCCCGGGCAATCACGAAAA
TGCAAAGCCTTTGTGGGGCGGTAGT TACTACCGCCCACAAAGGCTTTGC TATTCGACCGGAAATGAGGTCTTCG TCGAAGACCTCATTTCCGGTCGAAT TTTCGCTTGCTGAGTTGCTCTGTTC TGAACAGAGCAACTCAGCAAGCGAA TCGCGTGAAGACCCCATTCCCGAGT TACTCGGGAATGGGGTCTTCACGCG TACTCGGGAATGGGGTCTTCACGCG TACTCGGGAATGGGGTCTTCACGCG TACTCGGGAATGGGGTCTTCACGCG TCCACAAGTGACCGCGAATACGGTT TATACGCCTCGAAACCGGTTGGCCCC TTTCGGCTGCAACCGTTTCGAGGCGTAT TATACGCCTCGAAACCGTTTGGCCCCC TTTCGGCTGCAGCCGAACCGTTTCAACCGCCGAA TTTCGGCTGGCAGTCCAAACCGGTTC TGAACCGTGCATTCTAACCACACCC TCCGTTTGTCTAGTTCGGTCCTCGC TCAGCAACTTCGGTCACCCCCC TCAGCAACTTCGGTCACCGCGTTC TCAGCAACTTCGGTCACGCGTGCT TCAGCAACTTCGGTCACGCGTGCT TCAGCAACTTCGGTCACGCGTGCT TTAAAAAGGTCGCTTTTAAAAGGGGGA TTCCCCCTTTCAAAGCGACCTTTTA TTTGCGATCGCTAACTGCTGGGACAA TTTGTCCCAGCAGTTAGCGATCGCA TTGAGGCCGCTCCGCT	4222	TTCGGGATGTAGCTGGGGCTACCGG	TCCGGTAGCCCCAGCTACATCCCGA
TATTCGACCGGAAATGAGGTCTTCG TCGAAGACCTCATTTCCGGTCGAAT 4226 TTTCGCTTGCTGAGTTGCTCTGTTC TGAACAGAGCAACTCAGCAAGCGAA 4227 TCGCGTGAAGACCCCATTCCCGAGT TACTCGGGAATGGGGTCTTCACGCG 4228 TAACCGTATTCGCGGTCACTTGTGG TCCACAAGTGACCGCGAATACGGTT 4229 TGGGGCCAACCGTTTCGAGGCGTAT TATACGCCTCGAAACGGTTGGCCCC 4230 TTTCGGCTGGCAGTCCAAACGGCTT TAAGCCGTTTGGACTGCCAGCCGAA 4231 TGGGTGGTTAGAATGCACGGTTC TGAACCGTGCATTCTAACCACACCC 4232 TGCGAGGACCGAACTAGACAAACGG TCCGTTTGTCTAGTTCGGTCCTCGC 4233 TACGCACGCGTGACCGAAGTTGCTG TCAGCAACTTCGGTCACGCGTGCGT 4234 TTAAAAGGTCGCTTTGAAAGGGGGA TTCCCCCTTTCAAAGCGACCTTTTA 4235 TTGCGATCGCTAACTGCTGGGACAA TTTGTCCCAGCAGTTAGCGATCGCA 4236 TGGAGGTATAAGCGGAGCGCCTCA TTGAGGCCGCTCCGCT	4223	TCGAGCCAACGCAAACACGTCCTTG	TCAAGGACGTGTTTGCGTTGGCTCG
4226 TITCGCTGCTGAGTTGCTCTGTTC TGAACAGAGCAACTCAGCAAGCGAA 4227 TCGCGTGAAGACCCCATTCCCGAGT TACTCGGGAATGGGGTCTTCACGCG 4228 TAACCGTATTCGCGGTCACTTGTGG TCCACAAGTGACCGCGAATACGGTT 4229 TGGGGCCAACCGTTTCGAGGCGTAT TATACGCCTCGAAACGGTTGGCCCC 4230 TITCGGCTGCAGTCCAAACGGCTT TAAGCCGTTTGGACTGCCAGCCGAA 4231 TGGGTGGTTAGAATGCACGGTTC TGAACCGTGCATTCTAACCACACCC 4232 TGCGAGGACCGAACTAGACAAACGG TCCGTTTGTCTAGTTCGGTCCTCGC 4233 TACGCACGCGTGACCGAAGTTGCTG TCAGCAACTTCGGTCACGCGTGCGT 4234 TTAAAAGGTCGCTTTGAAAGGGGGA TTCCCCCTTTCAAAGCGACCTTTTA 4235 TTGCGATCGCTAACTGCTGGGACAA TTTGTCCCAGCAGTTAGCGATCGCA 4236 TGGAGGTATAAGCGGAGCGCCTCA TTGAGGCCGCTCCGCT	4224	TGCAAAGCCTTTGTGGGGCGGTAGT	TACTACCGCCCCACAAAGGCTTTGC
TCGCGTGAAGACCCCATTCCCGAGT TACTCGGGAATGGGGTCTTCACGCG 4228 TAACCGTATTCGCGGTCACTTGTGG TCCACAAGTGACCGCGAATACGGTT 4229 TGGGGCCAACCGTTTCGAGGCGTAT TATACGCCTCGAAACGGTTGGCCCC 4230 TTTCGGCTGCAGTCCAAACGGCTT TAAGCCGTTTGGACCCCCAACCGCTAACCGCTT 4231 TGGGTGTGGTAGAATGCACGGTTC TGAACCGTGCATCTAACCACACCC 4232 TGCGAGGACCGAACTAGACAAACGG TCCGTTTGTCTAGTTCGGTCCTCGC 4233 TACGCACGCGTGACCGAAGTTGCTG TCAGCAACTTCGGTCACGCGTGCGT 4234 TTAAAAGGTCGCTTTGAAAGGGGGA TTCCCCCTTTCAAAGCGACCTTTTA 4235 TTGCGATCGCTAACTGCTGGGACAA TTTGTCCCAGCAGTTAGCGCACACTCCC 4237 TATGCTGACATGCTGGGACCA TTGAGGCCGCTCCGCTTATACCTCC 4238 TTGTGGTTAAAGCGGACCCTCGT TACGAGGTGCACACTTCAGCAT 4238 TTGTGGTTAAAGCGTCCGTTCAACG TCGTTGAACGACGTTTAACCACA 4239 TCGTTCACACCGGCGTAAGCTGCGT TACGCAGCTTTACCCCCACACACTTCCCCCGGCGTAACCGCTTCACCACACACCCCCGGCGTAACCGCGTTCACCCCCGTTTAACCACACCCCCGCGTTAACCCCCACACCCCCCTTCACCCCCGGCGTAACCGCCTTCACCCCGGGGTTCACCCCACACCCCCCCC	4225	TATTCGACCGGAAATGAGGTCTTCG	TCGAAGACCTCATTTCCGGTCGAAT
TAACCGTATTCGCGGTCACTTGTGG TCCACAAGTGACCGCGAATACGGTT TGGGGCCAACCGTTTCGAGGCGTAT TATACGCCTCGAAACGGTTGGCCCC TTTCGGCTGGCAGTCCAAACGGCTT TAGCCGTTTGGACTGCCAGCCGAA TTTCGGCTGGCAGTCCAAACGGCTT TAAGCCGTTTGGACTGCCAGCCGAA TGGGTGTGGTTAGAATGCACGGTTC TGAACCGTGCATTCTAACCACACCC TGCGAGGACCGAACTAGACAAACGG TCCGTTTGTCTAGTTCGGTCCTCGC TCAGCAACTTCGGTCACGCGTGCGT TCAGCAACTTCGGTCACGCGTGCGT TCAGCAACTTCGGTCACGCGTGCGT TTTTAAAAGGTCGCTTTGAAAGGGGGA TTCCCCCTTTCAAAGCGACCTTTTA TTGCGATCGCTAACTGCTGGGACAA TTTGTCCCAGCAGTTAGCGATCGCA TGGAGGTATAAGCGGAGCGG	4226	TTTCGCTTGCTGAGTTGCTCTGTTC	TGAACAGAGCAACTCAGCAAGCGAA
TGGGGCCAACCGTTTCGAGGCGTAT TATACGCCTCGAAACGGTTGGCCCC 4230 TTTCGGCTGGCAGTCCAAACGGCTT TAAGCCGTTTGGACTGCCAGCCGAA 4231 TGGGTGTGGTTAGAATGCACGGTTC TGAACCGTGCATTCTAACCACACCC 4232 TGCGAGGACCGAACTAGACAAACGG TCCGTTTGTCTAGTTCGGTCCTCGC 4233 TACGCACGCGTGACCGAAGTTGCTG TCAGCAACTTCGGTCACGCGTGCGT 4234 TTAAAAGGTCGCTTTGAAAGGGGGA TTCCCCCTTTCAAAGCGACCTTTTA 4235 TTGCGATCGCTAACTGCTGGGACAA TTTGTCCCAGCAGTTAGCGATCGCA 4236 TGGAGGTATAAGCGGAGCGGCCTCA TTGAGGCCGCTCCGCT	4227	TCGCGTGAAGACCCCATTCCCGAGT	TACTCGGGAATGGGGTCTTCACGCG
TTTCGGCTGGCAGTCCAAACGGCTT TAAGCCGTTTGGACTGCCAGCCGAA 4231 TGGGTGTGTTAGAATGCACGGTTC TGAACCGTGCATTCTAACCACACCC 4232 TGCGAGGACCGAACTAGACAAACGG TCCGTTTGTCTAGTTCGGTCCTCGC 4233 TACGCACGCGTGACCGAAGTTGCTG TCAGCAACTTCGGTCACGCGTGCGT 4234 TTAAAAGGTCGCTTTGAAAGGGGGA TTCCCCCTTTCAAAGCGACCTTTTA 4235 TTGCGATCGCTAACTGCTGGGACAA TTTGTCCCAGCAGTTAGCGATCGCA 4236 TGGAGGTATAAGCGGAGCGCCTCA TTGAGGCCGCTCCGCT	4228	TAACCGTATTCGCGGTCACTTGTGG	TCCACAAGTGACCGCGAATACGGTT
TGGGTGTGGTTAGAATGCACGGTTC TGAACCGTGCATTCTAACCACACCC TGCGAGGACCGAACTAGACAAACGG TCCGTTTGTCTAGTTCGGTCCTCGC TACGCACGCGTGACCGAAGTTGCTG TCAGCAACTTCGGTCACGCGTGCGT TTAAAAGGTCGCTTTGAAAGGGGGA TTCCCCCTTTCAAAGCGACCTTTTA TTGCGATCGCTAACTGCTGGGACAA TTTGTCCCAGCAGTTAGCGATCGCA TGGAGGTATAAGCGGAGCGG	4229	TGGGGCCAACCGTTTCGAGGCGTAT	TATACGCCTCGAAACGGTTGGCCCC
TGCGAGGACCGAACTAGACAAACGG TCCGTTTGTCTAGTTCGGTCCTCGC 4233 TACGCACGCGTGACCGAAGTTGCTG TCAGCAACTTCGGTCACGCGTGCGT 4234 TTAAAAGGTCGCTTTGAAAGGGGGA TTCCCCCTTTCAAAGCGACCTTTTA 4235 TTGCGATCGCTAACTGCTGGGACAA TTTGTCCCAGCAGTTAGCGATCGCA 4236 TGGAGGTATAAGCGGAGCGGCCTCA TTGAGGCCGCTCCGCT	4230	TTTCGGCTGGCAGTCCAAACGGCTT	TAAGCCGTTTGGACTGCCAGCCGAA
TACGCACGCGTGACCGAAGTTGCTG 4234 TTAAAAGGTCGCTTTGAAAGGGGGA 4235 TTGCGATCGCTAACTGCTGGGACAA 4236 TGGAGGTATAAGCGGACGCTCA 4237 TATGCTGACATGCTGGGACAC 4238 TTGTGGTTAAAGCGTGCACCTCGT 4238 TTGTGGTTAAAGCGTCGTTCAACG 4239 TCGTTCACACCGGCGTAAGCTGCGT 4239 TCGTTCACACCGGCGTAAGCTGCGT 4240 TCCTATCCCGGCGAGAACTTCTGTG 4241 TGTCTGCACTCACGCAGCGGAGGGACCTCTGCAGACGCACACGACATGTCACGCACG	4231	TGGGTGTGGTTAGAATGCACGGTTC	TGAACCGTGCATTCTAACCACACCC
TTAAAAGGTCGCTTTGAAAGGGGGA TTCCCCCTTTCAAAGCGACCTTTTA TTGCGATCGCTAACTGCTGGGACAA TTTGTCCCAGCAGTTAGCGATCGCA TTGAGGCCGCTCCGCT	4232	TGCGAGGACCGAACTAGACAAACGG	TCCGTTTGTCTAGTTCGGTCCTCGC
TITGCGATCGCTAACTGCTGGGACAA TITGTCCCAGCAGTTAGCGATCGCA TITGAGGCCGCTCCGCTTATACCTCC TATGCTGACATGTCGTGCACCTCGT TACGAGGTGCACCATTTACCTCC TATGCTGACATGTCGTGCACCTCGT TACGAGGTGCACGACATGTCAGCAT TITGTGGTTAAAGCGTCCGTTCAACG TCGTTGAACGGACGCTTTAACCACA TCGTTCACACCGGCGTAAGCTGCGT TACGCAGCTTACGCCGGTGTGAACG TCCTATCCCGGCGAGAACTTCTGTG TCACAGAAGTTCTCGCCGGGATAGG TGTCTGCACTCACGCAGCGGAGGGA TTCCCTCCGCTGCGTGAGTGCAGAC TTCCTCCGCTGCACTCACGCAGCGAGACCTTTACCCCGCTGCGTGAGTGCAGAC	4233	TACGCACGCGTGACCGAAGTTGCTG	TCAGCAACTTCGGTCACGCGTGCGT
4236 TGGAGGTATAAGCGGAGCGGCCTCA TTGAGGCCGCTCCGCT	4234	TTAAAAGGTCGCTTTGAAAGGGGGA	TTCCCCCTTTCAAAGCGACCTTTTA
4237 TATGCTGACATGTCGTGCACCTCGT TACGAGGTGCACGACATGTCAGCAT 4238 TTGTGGTTAAAGCGTCCGTTCAACG TCGTTGAACGGACGCTTTAACCACA 4239 TCGTTCACACCGGCGTAAGCTGCGT TACGCAGCTTACGCCGGTGTGAACG 4240 TCCTATCCCGGCGAGAACTTCTGTG TCACAGAAGTTCTCGCCGGGATAGG 4241 TGTCTGCACTCACGCAGCGGAGGGA TTCCCTCCGCTGCGTGAGTGCAGAC	4235	TTGCGATCGCTAACTGCTGGGACAA	TTTGTCCCAGCAGTTAGCGATCGCA
4238 TTGTGGTTAAAGCGTCCGTTCAACG TCGTTGAACGGACGCTTTAACCACA 4239 TCGTTCACACCGGCGTAAGCTGCGT TACGCAGCTTACGCCGGTGTGAACG 4240 TCCTATCCCGGCGAGAACTTCTGTG TCACAGAAGTTCTCGCCGGGATAGG 4241 TGTCTGCACTCACGCAGCGGAGGGA TTCCCTCCGCTGAGTGCAGAC	4236	TGGAGGTATAAGCGGAGCGGCCTCA	TTGAGGCCGCTCCGCTTATACCTCC
4239 TCGTTCACACCGGCGTAAGCTGCGT TACGCAGCTTTACCACA 4240 TCCTATCCCGGCGAGAACTTCTGTG TCACAGAAGTTCTCGCCGGGATAGG 4241 TGTCTGCACTCACGCAGCGGAGGGA TTCCCTCCGCTGCGTGAGTGCAGAC	4237	TATGCTGACATGTCGTGCACCTCGT	TACGAGGTGCACGACATGTCAGCAT
4240 TCCTATCCCGCGAGAACTTCTGTG TCACAGAAGTTCTCGCCGGGATAGG 4241 TGTCTGCACTCACGCAGCGGAGGGA TTCCCTCCGCTGCGTGAGTGCAGAC	4238	TTGTGGTTAAAGCGTCCGTTCAACG	TCGTTGAACGGACGCTTTAACCACA
4241 TGTCTGCACTCACGCAGCGGAGGGA TTCCCTCCGCTGCGTGAGTGCAGAC	4239	TCGTTCACACCGGCGTAAGCTGCGT	TACGCAGCTTACGCCGGTGTGAACG
4241 TGTCTGCACTCACGCAGCGGAGGGA TTCCCTCCGCTGCGTGAGTGCAGAC	4240	TCCTATCCCGGCGAGAACTTCTGTG	TCACAGAAGTTCTCGCCGGGATAGG
4242 TGCACGAGTTGGTGCTCGGCAGATT TAATCTGCCGAGCACCAACTCGTGC	4241	TGTCTGCACTCACGCAGCGAGGGA	TTCCCTCCGCTGCGTGAGTGCAGAC
	4242	TGCACGAGTTGGTGCTCGGCAGATT	TAATCTGCCGAGCACCAACTCGTGC

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4243	TAACGTCGCACGACACGTTCGTC	TGACGAACGTGTGTCGTGCGACGTT
4244	TATGCGCGCTTATCCTAGCATGGTC	TGACCATGCTAGGATAAGCGCGCAT
4245	TTCACGTTTTCGTCTCGACATGAGG	TCCTCATGTCGAGACGAAAACGTGA
4246	TTGTGCCTCATCCTTAGGATACGGC	TGCCGTATCCTAAGGATGAGGCACA
4247	TAGGTGGTGTGGGTCAACCGCTTTA	TTAAAGCGGTTGACCCACACCACCT
4248	TCTGGATCGAAGGGACTGCAAGCTC	TGAGCTTGCAGTCCCTTCGATCCAG
4249	TTAGATCAACTCGCGTACGCATGGA	TTCCATGCGTACGCGAGTTGATCTA
4250	TGATCCTGCGGAGAGAGAGAGTGCAG	TCTGCACTCTCTTCTCCGCAGGATC
4251	TTACGTGTGGAGATGCCCCGAACCG	TCGGTTCGGGGCATCTCCACACGTA
4252	TGCGCTATGTCAATCGTGGGCGTAG	TCTACGCCCACGATTGACATAGCGC
4253	TAGCGAGGTTTCTAGCGTCGACACC	TGGTGTCGACGCTAGAAACCTCGCT
4254	TACCCAGGTTTTGCCGTTGTGGAAT	TATTCCACAACGGCAAAACCTGGGT
4255	TCCCTGTTAACGGCTGCGTAGTCTC	TGAGACTACGCAGCCGTTAACAGGG
4256	TAGGCCGATTTCACCCGCCAATTGC	TGCAATTGGCGGGTGAAATCGGCCT
4257	TGAGCCCTCACTCCTTGCCCTTTGA	TTCAAAGGGCAAGGAGTGAGGGCTC
4258	TGGGTGGACATCCGCCTCGCAGTCA	TTGACTGCGAGGCGGATGTCCACCC
4259	TGATGGCTGAGAACCGTGCTACGAT	TATCGTAGCACGGTTCTCAGCCATC
4260	TTCGACGTTAGGAGTGCTGCCAGAA	TTTCTGGCAGCACTCCTAACGTCGA
4261	TCGAATGGGTCTGGACCTTGCATAG	TCTATGCAAGGTCCAGACCCATTCG
4262	TGTGCACCAGACATTCGAACTCGGA	TTCCGAGTTCGAATGTCTGGTGCAC
4263	TAGAGGCCCCGTATATCCCATCCAT	TATGGATGGGATATACGGGGCCTCT
4264	TAACGCCTGTTCAGAGCATCAGCGG	TCCGCTGATGCTCTGAACAGGCGTT
4265	TAAGGCTCAACACGCCTATGTGCGC	TGCGCACATAGGCGTGTTGAGCCTT
4266	TAGTCCGTGTTGCCAGATTGGCTCG	TCGAGCCAATCTGGCAACACGGACT
4267	TATGTCCCATGTAAAGACGCGTGTG	TCACACGCGTCTTTACATGGGACAT
4268	TATGGAGTCTGCTCACGCCCAAAGG	TCCTTTGGGCGTGAGCAGACTCCAT
4269	TCGGCCTCCAACAAGGAGCACTAAC	TGTTAGTGCTCCTTGTTGGAGGCCG
4270	TCAGAGCCGTGGCAACATTGCGAGC	TGCTCGCAATGTTGCCACGGCTCTG
4271	TTCATTTGAATGAGGTGCGCACCGG	TCCGGTGCGCACCTCATTCAAATGA
4272	TGACGTACCGGAAGCGCCGTATAAA	TTTTATACGGCGCTTCCGGTACGTC
4273	TATGCGAGCAATGGGATCCGGATTC	TGAATCCGGATCCCATTGCTCGCAT
4274	TAGAGTGAGGCCTCCCTGACCAGTG	TCACTGGTCAGGGAGGCCTCACTCT
4275	TCGCACCGTAAGTAGATTTGCCCGC	TGCGGGCAAATCTACTTACGGTGCG
4276	TTGAACCTTTGAGCACGTCGTGCGC	TGCGCACGACGTGCTCAAAGGTTCA
4277	TTCCGCCTTTTTGGTTACCTCGAAG	TCTTCGAGGTAACCAAAAAGGCGGA
4278	TGAACGCCAACGGCACTAACACATC	TGATGTGTTAGTGCCGTTGGCGTTC
4279	TCCGACAGCAGCCAAGACGTCCCAG	TCTGGGACGTCTTGGCTGCTGTCGG
4280	TCATAAAAAACCTGGGGCTCTGCG	TCGCAGAGCCCCAGGTTTTTTATG

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4281 TIGCCAACTGTGCAGACCGGACTTA TAGGTCGGTCTGCACAGTTGGCA 4282 TGGCGAAAGAGCGAAACCGGCTCGT TACGAGCCGGTTTCGCTCTTTCGCC 4284 TIGGGATTCAGCGACCAGTACGCA 4285 TCCCGATATTCGCCGGCCTATTCG TCGAATAGGCCGGCGAATCCGGA 4286 TCGAGAAAGATGCCCACCCAACCAA 4287 TAACCTTGACCCGGCCTATTCG 4288 TTGGCACCGGGCTATTCG TCGAATAGGCCGGGCGAATCCGGA 4288 TTGCACACGCAACCAA TTTGGTTGCGTGAGGCAATCTCG 4289 TCGCATAGTCCCGGGACCAA 4289 TCGCATAGGTGCCGTGAACGTCA 4289 TCGCATAGGTTGCCGGGACCAA 4289 TCGCATAGGTTGCCGAACCAA 4290 TGCTTCCGGATGACGTCAA 4291 TCCCTCCATGTTCTTCGAACGGTTG 4292 TTTGATGGCGCGATTCCGTCAA 4293 TATTGTGAGAACGGGATGGTT TAACCCTTCGAACGACCAA 4294 TTCAGCAGGCGATGCTCTTCCT 4294 TTCAGCACGACCAATTCCCC 4295 TATTGTGAGAACGGAACCA 4296 TTTGATGGCGCAAATTCCCC 4296 TTCTCAACTCCCGGAACCAA 4297 TATTGTGAGAACGCAAATCCCC 4296 TTCCCACTCCTCGGTGGCAAACTA 4297 TTCTCAACTCCCGGAGCAACCAA 4298 TTTGTGGACAGCCAAACAA 4299 TACTCCACTCCTCGGTGGCAAACTA 4290 TTCTCAACTCCCGGACCAACAA 4291 TTCTCAACTCCCGGACCAACCAA 4292 TACTCCACTCCTCGGTGGCCAACCTA 4294 TTCCACACTCCCTCGGTGGCCAACCTA 4296 TTCTCAACTCCCGGACCAACCAA 4297 TACTCCACTCCTCGGTGGCCAACCTA 4298 TTTGTGGGCATCCACCACAACAA 4299 TACACCACGCCAACCAACAA 4299 TACACCACGCACCACACAA 4299 TACACCACGCACCACCACCAACAA 4299 TACACCACCACCACCACAACAA 4299 TACACCACGCACCACCACCAACAA 4299 TACACCACCACCACCACCACCAACCA 4299 TAGACCACCACCACCACCACCACCACCACCACCACCACCAC			
TGGGATGCGTATTTTAGCGAACACG TCGTGTTCGCTAAAATACGCATCCC TCGATACTCGCGACCAGTACGCGA TTCGCGTACTGGTCGCTGAATCCCA TTGGGATTCAGCGACCAGTACGCGA TTCGCGTACTGGTCGCTGAATCCCA TTGGCTACTGGTCGCTGAATCCCA TTGGCTACTGGTCGCTGAATCCCA TTGGCTGCGGCGCAACCAA TTTGGTTGCGTGAGGCAACTATCGGT TAACCTTGACCCGTGGATGACGCTA TTAGCGTCACCAGGGCCAAGGTT TTAGCGTCACCAGGGCCAAGGTT TTAGCGTCACCACGGTCAACGTCAA TTTGACCACGGCCAGGTCAACGTCAA TTTGACCACGGCCAAGGTT TTAGCCACCACGCCAACGTCAA TTTGACCACCACCCCGTTGCAA TTTGACCACCACCCCCGTTCAACGTCAA TTTGACCACCACCCCCGTTCAACGTCAA TTTGACCATCCCGGTCAACGTT TCCCCCATGTTCTTCCAACACGTTT TAACCCTTCGAACACCACCCCATCACCACCACCCCCTTCATCCGGAAGC TCCCCCCATGTTCTTCCAACACGGTTT TAACCCTTCGCAACACCACCCCCATCACACCCCCATCACACCCCCATCACACCCCCC	4281	TTGCCAACTGTGCAGACCGGACTTA	TTAAGTCCGGTCTGCACAGTTGGCA
4284 TTGGGATTCAGCGACCAGTACGCGA 4285 TCCCGATATTCGCCCGGCCTATTCG 4286 TCGAGAAGATGCCTCACGCAACCAA 4287 TAACCTTGACCCGTGGATGACGCTA 4288 TTGCAACGGGCTGGATGACGCTA 4288 TTGCAACGGGCTGGATGACGCTA 4289 TCCCATAGGTTCCGCGATCAACTCAA 4289 TCGCATAGGTTCCGCGATTCGTCAA 4280 TTGCACCGGGCTCAACGTCAA 4280 TTGCACCGGGTCAACGTCAA 4280 TCGCATAGGTTGCCGATTTCGTCAA 4280 TCCCCATAGGTTGCCGATTTCGTCAA 4280 TCCCCATAGGTTGCCGATTTCGTCAA 4290 TGCTTCCGGATGAACGGGATTGTT 4290 TGCTTCCGGATGAACGGGATTGTT 4291 TCCCTCCATGTTCTTCGAACGGGTTT 4292 TTTGATGGGCGCCAAATTCCCC 4293 TATTGTGAGATGCGCCAAATTCCCC 4294 TTCAGCACACCCCCTCACAAT 4294 TTCAGCACAGCCCAAACGTCAA 4295 TACTCCACTCCTCGGTGGCAAACTA 4296 TTCTGGGCATGACCGAACACTA 4297 TTCTCAACTCCGGTACGAACGAACA 4298 TTTGCGTGGCAAACAACAT 4298 TTTGCGTGGCAAACAACAT 4299 TAGACAGCACGCCAAACGACGTCAACAT 4300 TCGCGTCTAACTGAAGACAGACACAT 4301 TAGGCGCACATCCGCGGCCAACTA 4301 TAGGCGCACATTCACGGAACCAACTA 4302 TCAGCATGCTGAACGAACAACA 4303 TCGCGTCTAACTGAAGACAACCAT 4304 TACCCGCGGGATCACTT 4305 TGATGAGTGACGAACAACA 4306 TGAGAAGACATTCACGCAACGAACAACA 4306 TGAGAAGACAATTCACGCAACGAACAACAACAACACACAC			TACGAGCCGGTTTCGCC
4285 TCCCGATATTCGCCCGGCCTATTCG 4286 TCGAGAAGATCCCTCACGCAACCAA 4287 TAACCTTGACCGTGGATGACGCTA 4288 TTTGCAACGGCTGGTCAACGTCAA 4289 TCGCATAGTTCGCGATCAACGTCAA 4289 TCGCATAGGTCCAACGTCAA 4289 TCGCCATGGATGACGGTCA 4290 TGCTTCCGGATGAACGGGATGTTCGTCAA 4291 TCCCTCCCATGTTCTTCGAACGGGTTT 4291 TCCCTCCATGTTCTTCGAACGGGTTT 4292 TTTGATGGGCGCCAACTTTCCCC 4293 TATTGTGAGAGGCCCAAATTCCCC 4294 TTCAGCACACCCCCTTCCACACT 4295 TACTCCCATGTTCTTCGAACGGTTT 4296 TTCAGCACACCCCCCATCAA 4297 TACTCCCATGTCCTTGCT 4298 TTCGCACACGCCAAACTTCCCC 4299 TGCTTCCGGATGCCAACTT 4294 TTCAGCACACGCCAACGGTCAACTT 4295 TACTCCACTCCTCGGTGGCAACTT 4296 TTCTCGAACGACGAACACT 4297 TTCTCAACTCCCGGTGCCAAACTA 4298 TTTGCGGCATGCCTGGACGAACCA 4299 TAGACAGCCTGGACGAACCA 4299 TAGACAGCACGACGACGCCA 4299 TAGACAGCACGACGCCAACTG 4300 TCGCGTCTCTACTGACGAACACA 4301 TAGGCGCACATGACGAACAC 4301 TAGGCGCACATGACGACACTA 4302 TCGAGTTCCACGGACCCA 4303 TTGATCCATTTTCGACGGACCCA 4304 TACCCCCCGGGGCCCATCAC 4305 TAGCCATGTCCCGGGTGTGAA 4306 TGGTACATTTCGGCACGAACTA 4307 TATAGCGCACGACGACTCAC 4308 TTGAGCACGCACGTTCACG 4309 TAGCATTGCGCCTTTCGCCCACGCACGCACA 4309 TAGCACACGTCACGTACCATTCAC 4300 TCGCGCTCTTACTGAGACCACTAC 4301 TAGGCGCACATTCACG 4302 TCGACGCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC			TCGTGTTCGCTAAAATACGCATCCC
4286 TCGAGAAGATGCCTCACGCAACCAA TTTGGTTGCGTGAGGCATCTTCTCG 4287 TAACCTTGACCCGTGGATGACGCTA TTAGCGTCATCCACGGGTCAAGGTT 4288 TTTGCAACGGCTGGTCAACGTCAA TTTGACCAGCCCGTTGCAA 4289 TCGCATAGGTTGCCGATTTCGTCAA TTTGACGAAATCGGCAACCTATGCG 4290 TGCTTCCGGATGAACGGGATGGTTG TCAACCATCCCGTTCATCCGGAAGC 4291 TCCCTCCATGTTCTTCGAACGGTTT TAAACCGTTCAACACAGCCCATCACCATCACACCATCCCGTTCATCCGGAAGC 4292 TTTGATGGGCGGCAACTCTTCTCT TAGCAAGAACATGGAGGG 4293 TATTGTGAAGATGCGCCAAATTCCCC TGGGGAATTTGGCGCCCATCAA 4294 TTCAGCACAGCCAGACGGTCAACTT TAAGCTTGCCACACTTCACAAT 4295 TACTCCACTCCTCGGTGGCCAAACTA TTAGTTGCCACCGAGGAGGTGAGGT	4284		TTCGCGTACTGGTCGCTGAATCCCA
TAACCTTGACCCGTGGATGACGCTA TTAGCGTCATCCAGGGGTCAAGGTT TTAGCGTCATCCAGGGGTCAAGGTT TTAGCGTTCACCAGGGTCAAGGTT TTTGACCACGGGTCAACGTCAA TTTGACGATGACCAGCCCGTTGCAA TTTGACCATTGCAACGCTCAA TTTGACGATGACAGCCCGTTGCAA TTTGACGATTGCCAACGCTTGCTAA TTTGACGATACGCAACCTTTTCGCAACGGTTT TCCTCCATGTTCTTCCGAACGGTTT TAAACCCATCCCGTTCATCCGGAAGC TTTGATGAGGAGACATGCTCTTGCT TAGCAAGAGACATTGCCGCCCATCAA TTTGATGAGAATGCGCCAAATTCCCC TGGGGAATTTGGCGCCCATCAA TTTGATGAGAATGCGCCAAATTCCCC TGGGGAATTTGGCGCCCATCAA TTAGCTTGACACGCCCATCAACTT TAAACTTGACCGTTTGGCTTGACTAACACGCTTTTGCT TAGCAAGAGCATTGCCGCCCATCAA TTAGTTTGCACACGCCAACACTT TAAACTTGACCGTCTGGCTGACTGAACGTT TAAACTTGACCGTCTTGGCTTGCTGA TTAGTTTGCCACCCGAGGAGACGT TTAGTTTGCCACCCGAGGAGACGT TTAGTTTGCCACCCGAGGAGCGTTGAGA TTTGCTGACCTCCGGTACGACGAAACA TTGTTTCGTCTACCCAGGCATGCCCAGA TTTGCTCAACTCCGGTACGACGAAACA TTGTTTCGTCTACCCAGGCATCCCCGGA TTGCTCCGTTCCAGCCAGACGAACA TTGTTTCGTCTACCCAGGCAACTA TTACATGAGCCCGCGATTGCTGCT TAGACACCGCACGACTCAGT TACCACTCCTGGTTGACCACGCAA TTGCTTCACCTACCTGCTGCTT TAGCCTTCCAGTCCAG	4285	TCCCGATATTCGCCCGGCCTATTCG	TCGAATAGGCCGGGCGAATATCGGG
4288 TTTGCAACGGCTGGTCAACGTCAA 4289 TCGCATAGGTTGCCGATTTCGTCAA 4289 TCGCATAGGTTGCCGATTTCGTCAA 4290 TGCTTCCGGATGAACGGGATGGTTG 4291 TCCCTCCATGTTCTTCGAACGGTTT TCAACCATCCCGTTCATCCGGAAGC 4292 TTTGATGGCGCAAATTCCCC 4293 TATTGTAGAGAATCGCCCATCAA 4293 TATTGTGAGACGCAAATTCCCC TGGGAATTTGGCGCAACTT 4294 TTCAGCACAGCCAACTTCTTGCT TAGCAAGAGCATTGCCGCCCATCAA 4295 TACTCCACTCCGTGGCAAACTA 4296 TTCTGGGCAACCAACTA 4297 TTCTCAGCTCCTGGTGGCAAACTA 4298 TTCTCGGCCCAGCGGTCAACTA 4299 TTCTCAACTCCGGTGGCAAACTA 4290 TTCTCAACTCCGGTGGCAAACTA 4290 TTCTCAACTCCGGTGGCAAACTA 4291 TTCTCAACTCCGGTGCAAACTA 4292 TTCTCAACTCCGGTGCAAACTA 4293 TAGCACGCCAGACGGAACACTA 4294 TTCTCAACTCCGGTAGCACGAACACTA 4296 TTCTCGGCCTGGACGGACACACTA 4297 TTCTCAACTCCGGTACGACGAACACA 4298 TTTGCGTGGTCAAAGGCGCAACCAT 4299 TAGACAGCGATCCGCGGCTCATGAT 4300 TCGCGTCTCTAACTGAGAGACACCA 4299 TAGACAGCGATCCGCGGCTCATGAT 4301 TAGCCGCCACATGTACGGACATTCAG 4302 TGATGAGGCCCACATGTACGGACATTCAG 4303 TTGATCATATTGTCGGACCGTTGAT 4304 TACCTGCCGGACTTCAGAT 4305 TAGCATTTTTCGGACCGTTGGCT 4306 TGGTAATATTCAGCGCGACCTCAC 4307 TATAGCGTACGACATCAGGACTTCAG 4308 TGGTAATATTCAGCGCGACCCCC 4309 TACTGCCCGTACCTCTTTTCCGCAACCGA 4309 TACTGCCCGTACCTCTTTTCCGCAACCGA 4309 TACTGCCCGTACCTTTTTCCGCAACCGA 4309 TACTGCCCGTACCTCTGGTTCTAGCCTAC 4301 TAGCGTACCACACACACACGACTCCTCTC 4302 TGGTAATATTCAGCCGCACCGCTCA 4303 TTGGTCCCCTACCTCTGGTTCTGGC 4304 TACCTGCCGGCACCCCCC 4307 TATAGCGTACCACACGACGCCC 4308 TTCGTTGCGCAACCACCACACACACGCCCACACCCCACACACCCCACACCCCCACACCCCCC	4286	TCGAGAAGATGCCTCACGCAACCAA	TTTGGTTGCGTGAGGCATCTTCTCG
TCGCATAGGTTGCCGATTTCGTCAA TTTGACGAAATCGGCAACCTATGCG TCACCCATCTCCGGAAGC TTCACCATCCCGTTCATCCGGAAGC TTCACCCATCCCGTTCATCCGGAAGC TTTGATGGGCGCAACCTTTGCT TCACCCATCCCGTTCATCCGGAAGC TTTGATGGGCGCAATGCTCTTGCT TAAACCGTTCGAAGAACATGGAGGG TTTGATGGGCGCAATTCCCC TGGGGAATTTGCCGCCCATCAA TTAGTTGAGAGTGCGCCAAATTCCCC TGGGGAATTTGGCGCATCTCACAAT TTAGTTGAGATGCGCCAAATTCCCC TGGGGAATTTGGCGCATCTCACAAT TTAGTTTGCACCGAGGAGTGGTCAACTT TAAGTTGACCGTCTGGCTGGCTGACACTA TTAGTTTGCCACCGAGGAGTGGAGT	4287	TAACCTTGACCCGTGGATGACGCTA	TTAGCGTCATCCACGGGTCAAGGTT
4290 TGCTTCCGGATGAACGGATGGTTG 4291 TCCCTCCATGTTCTTCGAACGGTTT TAAACCATTCCGGTTCATCCGGAAGC 4292 TTTGATGGGCGCCAATGCTCTTGCT TAGCAAGAGCATTGCCGCCCATCAA 4293 TATTGTGAGATGCGCCAAATTCCCC TGGGGAATTTGCCGCCCATCAA 4294 TTCAGCACAGCCAGACGGTCAACTT 4294 TTCAGCACAGCCAGACGGTCAACTT 4295 TACTCCACTCCTCGGTGGCAAACTA 4296 TTCTGGGCATGCCTGGACGGAGAGCG 4297 TTCTCAACTCCGGTACGACGGAACCA 4298 TTTGCTGACTCCGGTACGACGAACCA 4298 TTTGCGTGCTCAAAGCCCAGACGAACCA 4299 TAGACAGCCAGACGACAACCA 4290 TTCCAACTCCGGTACGACGAAACCA 4290 TTGCGTGCTCAAAGCCCCACACACACACACACACACACAC	4288	TTTGCAACGGCTGGTCAACGTCAA	TTTGACGTTGACCAGCCCGTTGCAA
4291 TCCCTCCATGTTCTTCGAACGGTTT TAAACCGTTCGAAGAACATGGAGGG 4292 TTTGATGGGCGGCAATGCTCTTGCT TAGCAAGAGCATTGCCGCCCATCAA 4293 TATTGTGAGATGCGCCCAAATTCCCC TGGGGAATTTGCCGCCCATCAA 4294 TTCAGCACAGCCAGACGGTCAACTT TAAGTTGACCGTCTGGCTGGCTGA 4295 TACTCCACTCCTCGGTGGCAAACTA 4296 TTCTGGGCATGCCTGGACGGAGACG 4297 TTCTCAACTCCGGTACGACGAACACA 4298 TTTGCGTGGTCAAACACA 4298 TTTGCGTGGCAAACACA 4299 TAGACAGCGAACGGCCAACGTG 4290 TAGACAGCGAACGACGTC 4300 TCGCGTTCTAACTGAGAGCACCAA 4301 TAGGCGCACATGACGACGACATCAC 4302 TGATGAGTGCCCGACGTACTACT 4303 TTGATCCATATTGCGGACATTCAG 4304 TACCTGCCGGACTTCGGACGACATCAC 4305 TAGACATTGCGACGTTTGCC 4306 TCGCAACGTCCACCACACTC 4307 TAGACATTGGCACGTTCACCCACCACACTC 4308 TAGCATTGCGCACTTCACCCACCACACTC 4309 TAGCATTGCCGCACCACCACCACCACCACCACCACCACCACCACCAC	4289	TCGCATAGGTTGCCGATTTCGTCAA	TTTGACGAAATCGGCAACCTATGCG
4292 TITIGATGGGGGGCAATGCTCTTGCT TAGCAAGAGCATTGCCGCCCCATCAA 4293 TATTGTGAGATGCGCCCAAATTCCCC TGGGGAATTTGGCGGCCATCAAC 4294 TTCAGCACAGCCAGACGGTCAACTT TAAGTTGACCGTCTGGCTGACGTGCTGAC 4295 TACTCCACTCCTCGGTGGCAAACTA TTAGTTTGCCACCGAGGAGTGGAGT	4290	TGCTTCCGGATGAACGGGATGGTTG	TCAACCATCCCGTTCATCCGGAAGC
4293 TATTGTGAGATGCGCCAAATTCCCC TGGGGAATTTGGCGCATCTCACAAT 4294 TTCAGCACAGCCAGACGGTCAACTT TAAGTTGACCGTCTGGCTGACTGA 4295 TACTCCACTCCTCGGTGGCAAACTA TTAGTTTGCCACCGAGGAGTGGAGT	4291	TCCCTCCATGTTCTTCGAACGGTTT	TAAACCGTTCGAAGAACATGGAGGG
4294 TTCAGCACAGCCAGACGGTCAACTT TAAGTTGACCGTCTGGCTGTGCTGA 4295 TACTCCACTCCTCGGTGGCAAACTA TTAGTTTGCCACCGAGGAGTGGAGT	4292	TTTGATGGGCGGCAATGCTCTTGCT	TAGCAAGAGCATTGCCGCCCATCAA
4295 TACTCCACTCCTGGTGGCAAACTA TTAGTTTGGCCACGAGGAGTGGAGT	4293	TATTGTGAGATGCGCCAAATTCCCC	TGGGGAATTTGGCGCATCTCACAAT
4296 TTCTGGGCATGCCTGGACGGAGACG 4297 TTCTCAACTCCGGTACGACGAAACA 4298 TTGCGTGTCAAGGCGAACA 4299 TAGACAGCGATCCCCGGGCTCATGAT 4300 TCGCGTCTCTAACTGAGAGCAGCAA 4299 TAGACAGCGATCCGCGGCTCATGAT 4300 TCGCGTCTCTAACTGAGAGCAGCCA 4301 TAGGCGCACATGTACGGACATTCAG 4302 TGATGAGTGGCACGTGGTGTAA 4303 TTGATCCATATTGTCGGACGTTGCG 4304 TACCTGCCGGGAGTCATAGAGCACCC 4305 TAGCATTGTCGGACGTTGCG 4306 TGGTAATATTCAGCGCACCGCAACGCCGACATATAGGACCC 4307 TAGCATTGCGGACGTTCAGAGCACACACACCCGACATATAGGATCA 4308 TAGCATTGGCGTTTTTCCGCAACGA 4309 TAGCATTGAGCGTACCGCACCGCACATATTACC 4309 TATAGCGTACGACGAGGTGACCCCACTCAT 4308 TTAGGCTACGACGAGAGAACACGCAATATTACC 4309 TACTGCCCGACAGAGTTCAGCCTA 4309 TACTGCCCGACATGCTTTTACCGCAACGA 4310 TCCTTTGGCCTGACCTTAGACCCCACACGA 4311 TGGCCCCACCGACGTTCTAGCCTA 4312 TAGGCCCACCGACGATTCTGACCTA 4313 TGGCCCCACCAGAGGTACGTTGTA 4314 TACCACCGCGACCTGGAGCAA 4315 TCCATGAGCATAGGCCACCC 4316 TGGTCCGCCCTACCTTGGTTCCGC 4317 TCCGTGTGGCTGAACCATGCGCACCC 4316 TGGTCCGCCCTACCTTGGTTCACC 4317 TCCGTGTGGCCTACCTTCGATCCACCCCACACGCCCACACGCCCCCCCC	4294	TTCAGCACAGCCAGACGGTCAACTT	TAAGTTGACCGTCTGGCTGTGCTGA
4297 TTCTCAACTCCGGTACGACGAAACA 4298 TTTGCGTGGTCAAAGGCGCAACGTG 4299 TAGACAGCGATCCGCGGCTCATGAT 4300 TCGCGTCTCTAACTGAGAGCACACT 4301 TAGGCGCACATTCAGGTTGAGAT 4302 TGATGAGTGCCACATTCAGGTTGAGATCCGTGCCT 4303 TTGATCCATATTGTCGGACGTTGCG 4304 TACCTGCCGGGAGTTCATGAT 4305 TAGCATTGTCGGACGTTGCG 4306 TGATGAGTTCAGAGCACACT 4307 TAGCCTATATTGTCGGACGTTGCG 4308 TAGCATTGGCGAGTTCATG 4309 TACCTGCCGGGAGTTCATGAGTCCGACAATATGGATCA 4306 TGGTAATATTCAGCGCAACGA 4307 TATAGCGTACGACAGACGCCC 4308 TTAGCCTAGCGACAGACTCCGCGCACAATATTACC 4309 TACTGCCCGGACGGTGCACCCCC 4309 TACTGCCCGACAGAGTTCAGCCTA 4309 TACTGCCCGTACCTCTGGTTCTGGC 4310 TCCTTTGGCCTACACCACACT 4310 TCCTTTGGCCTAACCTCTGGTCCTACCTCACCTCACCTC	4295	TACTCCACTCCTCGGTGGCAAACTA	TTAGTTTGCCACCGAGGAGTGGAGT
TTTGCGTGGTCAAAGGCGCAACGTG TCACGTTGCGCCTTTGACCACGCAA TAGACAGCGATCCGCGGCTCATGAT TATCATGAGCCGCGGATCGCTGTCT TAGCCGCTCTCAACTGAGAGCAGCCA TTGGCTGCTCTCAGTTAGAGACCGCG TCGCATCTCAGTTACGGACCACTCAG TCGAATGTCCGTACATGTACGGACATTCAG TCGAATGTCCGTACATGTACGCCT TTTACACCACCGACGTGCCACTCATC TTTACACCACCGACGTGCCACTCATC TTTACACCACCGACGTGCCACTCATC TTTACACCACCGACGTGCCACTCATC TTTACACCACCGACGTGCCACTCATC TTTACACCCGACATATTGGATCA TTTACACCACCGACATATTGGATCA TCGAACGTCCGACAATATTGGATCA TAGCATTGGCGTTTTTCCGCAACGA TTCGTTGCGGAAAAACGCCAATGCT TTGAGCGTACCTCTGGTTTTACC TTTACCGTACCG	4296	TTCTGGGCATGCCTGGACGGAGACG	TCGTCTCCGTCCAGGCATGCCCAGA
4299 TAGACAGCGATCCGCGGCTCATGAT TATCATGAGCCGCGGATCGCTGTCT 4300 TCGCGTCTCTAACTGAGAGCAGCA TTGGCTGCTCTCAGTTAGAGACGCG 4301 TAGGCGACATGTACGGACATTCAG TCTGAATGTCCGTACATGTGCGCCT 4302 TGATGAGTGGCACGTCGGTGTAA TTTACACACCGACGTGCCACTCATC 4303 TTGATCCATATTGTCGGACGTTGCG TCGCAACGTCCGACAATATGGATCA 4304 TACCTGCCGGGAGTTCATAGGCTAG TCTAGCCTATGAACTCCCGGCAGGT 4305 TAGCATTGGCGTTTTTCCGCAACGA TTCGTTGCGGACAATATTACC 4306 TGGTAATATTCAGCGCGACCGCTCA TTGAGCGTCGCGCTGAATATTACC 4307 TATAGCGTACGACGAGGTGACGCGC TGCGCGTCACCTCGTCGTACGCTAT 4308 TTAGGTCACGATGCGTTTGACGCTA TTAGCGTCAAACGCATCGTG 4309 TACTGCCCGTACCTCTGGTTCTGGC TGCCAGAACCAGAGGTACGGCAGT 4310 TCCTTTGGCCTGAAGTTGTCGTAGC TGCTACGACAACTTCAGGCCAAAGG 4311 TGTGCCCCACGAGCGTATCGTTGTA TTACAACGATACGCTCGTGGGCCAC 4312 TAGGCGCTACCTTGGGTCTGAGCAA TTTGCTCCAGGCCCACGTAGCGCCT 4313 TGGGTGCTACCATTGCATTAGTCCG TCGGACTAATGCACCCC 4314 TACCACGCGCGTACGTTGAACCGAG TCTCGGTTACACGCCCCT 4315 TCCATGATGCATTAGTCCG TCGGACTAATGCACCCC 4316 TGGTCCGGCCCTACGAGACATTAGTCCAGCCCCAATGCATCATGG 4316 TGGTCCGGCCCTACGAAACGTTCGAG 4317 TCCGTGTGGCCTGAGAATTTCGTTGAA TTCCATGATGCATTGGATTAG TCTAAATGCACCCCAATGCATCATGG 4317 TCCGTGTGGCCCTACGAAACGTTCGAGTTTCGAGCCCCACAGGGCCCGACCCACGACCCCACCGAACCTTCCAGCCCCCCCACCGACCCCCCCC	4297	TTCTCAACTCCGGTACGACGAAACA	TTGTTTCGTCGTACCGGAGTTGAGA
TCGCGTCTCTAACTGAGAGCAGCCA TTGGCTGCTCTCAGTTAGAGACGCG TAGGCGCACATGTACGGACATTCAG TCTGAATGTCCGTACATGTGCGCCT TCTGATGTCCGTACATGTGCGCCT TTTACACACCGACGTGCCACTCATC TTTACACACCGACGTGCCACTCATC TTTACACACCGACGTGCCACTCATC TCGATGAGTGCCACTCATC TTTACACACCGACGTGCCACTCATC TCGATGAGTCCCACTCATC TTTACACACCGACGTGCCACTCATC TCGCCACGCGCACACTCATC TCGCCACGCGCACACTCATC TCGCCACGCCA	4298	TTTGCGTGGTCAAAGGCGCAACGTG	TCACGTTGCGCCTTTGACCACGCAA
TAGGCGCACATGTACGGACATTCAG TCTGAATGTCCGTACATGTGCGCCT TGATGAGTGGCACGTCGGTGTAA TTTACACACCGACGTGCCACTCATC TGATGACTCCATATTGTCGGACGTTGCG TCGCAACGTCCGACAATATGGATCA TACCTGCCGGGAGTTCATAGGCTAG TCTAGCCTATGAACTCCCGGCAGGT TAGCATTGGCGTTTTTCCGCAACGA TTCGTTGCGGAAAAACGCCAATGCT TAGCATTGGCGTTTTTCCGCAACGA TTCGTTGCGGAAAAACGCCAATGCT TTAGCGTACGACGACGCGCCCCCCCCCC	4299	TAGACAGCGATCCGCGGCTCATGAT	TATCATGAGCCGCGGATCGCTGTCT
TGATGAGTGGCACGTCGGTGTAA TTTACACACCGACGTGCCACTCATC TGATGAGTGGCACGTCGGTGTGAA TTGATCCATATTGTCGGACGTTGCG TCGCAACGTCCGACAATATGGATCA TACCTGCCGGGAGTTCATAGGCTAG TCTAGCCTATGAACTCCCGGCAGGT TAGCATTGGCGTTTTTCCGCAACGA TCGTTGCGGAAAAACGCCAATGCT TAGCATTGGCGTTTTTCCGCAACGA TTGAGCGTCGGCAAAAACGCCAATGCT TATAGCGTACGACGACGCCCCCCCCCC	4300	TCGCGTCTCTAACTGAGAGCAGCCA	TTGGCTGCTCTCAGTTAGAGACGCG
TIGATCCATATTGTCGGACGTTGCG TCGCAACGTCCGACAATATGGATCA TACCTGCCGGGAGTTCATAGGCTAG TCTAGCCTATGAACTCCCGGCAGGT TAGCATTGGCGTTTTTCCGCAACGA TCGTTGCGGAAAAACGCCAATGCT TAGCATTGGCGTTTTTCCGCAACGA TTCGTTGCGGAAAAACGCCAATGCT TAGCATATTCAGCGCGACCGCTCA TTGAGCGTCGCGCTGAATATTACC TATAGCGTACGACGAGGTGACGCGC TGCGCGTCACCTCGTCGTACCTAT TAGCGTCACGATGCGTTTGACGCTA TTAGCGTCACGACGAGGTGACGCTA TTAGCGTCACACCTCGTGACCTA TTAGCGTCACCTCTGGTTCTGGC TGCCAGAACCAGAGGTACGGCAACGT TCCTTTGGCCTGAAGTTGTCGTAGC TGCTACGACCACCTCGTGGGCCAAAGG TTTACAACGATACGCTCGTGGGCCAAAGG TTTACAACGATACGCTCGTGGGCCCT TTACAACGATACGCTCGTGGGCCCT TTACAACGATACGCTCGTGGGCCCT TTACAACGATACGCTCGTGGGCCCT TTACAACGATACGCTCGTGGGCCCT TTACAACGATACGCTCGTGGGCCCT TTACAACGATACGCTCGTGGGCCCT TCGGACTAATGCAATGC		TAGGCGCACATGTACGGACATTCAG	TCTGAATGTCCGTACATGTGCGCCT
4304 TACCTGCCGGGAGTTCATAGGCTAG TCTAGCCTATGAACTCCCGGCAGGT 4305 TAGCATTGGCGTTTTTCCGCAACGA TTCGTTGCGGAAAAACGCCAATGCT 4306 TGGTAATATTCAGCGCGACCGCTCA TTGAGCGGTCGCGCTGAATATTACC 4307 TATAGCGTACGACGAGGTGACGCGC TGCGCGTCACCTCGTCGTACGCTAT 4308 TTAGGTCACGATGCGTTTGACGCTA TTAGCGTCAAACGCATCGTGACCTA 4309 TACTGCCCGTACCTCTGGTTCTGGC TGCCAGAACCAGAGGTACGGGCAGT 4310 TCCTTTGGCCTGAAGTTGTCGTAGC TGCTACGACAACTTCAGGCCAAAGG 4311 TGTGCCCCACGAGCGTATCGTTGTA TTACAACGATACGCTCGTGGGGCAC 4312 TAGGCGCTACGTGGGCCTGGAGCAA TTTGCTCCAGGCCCACGTAGCGCCT 4313 TGGGTGCTACCATTGCATTAGTCCG TCGGACTAATGCAATGGTAGCACCC 4314 TACCACGCGCGTACGTGTAACCGAG TCTCGGTTACACGTACGCGCGTGGT 4315 TCCATGATGCATTGGGTGCATTTAG TCTAAATGCACCCAATGCATCATGG 4316 TGGTCCGGCCCTACGAAACGTTCGA TTCGAACGTTTCGTAGGGCCGGACC 4317 TCCGTGTGGCTGGAGATTCGTGTGA TTCACACGAATCTCCAGCCACACGG	4302	TGATGAGTGGCACGTCGGTGTGTAA	TTTACACACCGACGTGCCACTCATC
TAGCATTGCGTTTTTCCGCAACGA TTCGTTGCGGAAAAACGCCAATGCT TAGCATTGGCGTTTTTCCGCAACGA TTCGTTGCGGAAAAACGCCAATGCT TAGCGTACTATTCAGCGCGACCGCTCA TTGAGCGGTCGCGCTGAATATTACC TATAGCGTACGACGAGGTGACGCGC TGCGCGTCACCTCGTCGTACGCTAT TAGGTCACGATGCGTTTGACGCTA TTAGCGTCAAACGCATCGTGACCTA TAGGTCACGATCCTCTGGTTCTGGC TGCCAGAACCAGAGGTACGGGCAGT TAGGCCCGTACCTCTGGTTCTGGC TGCCAGAACCAGAGGTACGGCCAAAGG TCCTTTGGCCTGAAGTTGTCGTAGC TGCTACGACAACTTCAGGCCAAAGG TTAGGCCCCACGAGCGTATCGTTGTA TTACAACGATACGCTCGTGGGGCAC TAGGCGCTACGTGGGCCTGGAGCAA TTTGCTCCAGGCCCACGTAGCGCCT TAGGCGCTACCATTGCATTAGTCCG TCGGACTAATGCAATGGTAGCACCC TACCACGCGCGTACGTGTAACCGAG TCTCGGTTACACGTACGCGCGTGGT TCCATGATGCATTGGGTGCATTTAG TCTAAATGCACCCAATGCATCATGG TGGTCCGGCCCTACGAAACGTTCGA TTCGAACGTTTCGTAGGGCCCGGACC TCCGTGTGGCTGGAGATTCGTGTGA TTCACACGAATCTCCAGCCCCACACGG	4303	TTGATCCATATTGTCGGACGTTGCG	TCGCAACGTCCGACAATATGGATCA
4306 TGGTAATATTCAGCGCGACCGCTCA TTGAGCGGTCGCGCTGAATATTACC 4307 TATAGCGTACGACGAGGTGACGCGC TGCGCGTCACCTCGTCGTACGCTAT 4308 TTAGGTCACGATGCGTTTGACGCTA TTAGCGTCAAACGCATCGTGACCTA 4309 TACTGCCCGTACCTCTGGTTCTGGC TGCCAGAACCAGAGGTACGGGCAGT 4310 TCCTTTGGCCTGAAGTTGTCGTAGC TGCTACGACAACTTCAGGCCAAAGG 4311 TGTGCCCCACGAGCGTATCGTTGTA TTACAACGATACGCTCGTGGGGCAC 4312 TAGGCGCTACGTGGGCCTGGAGCAA TTTGCTCCAGGCCCACGTAGCGCCT 4313 TGGGTGCTACCATTGCATTAGTCCG TCGGACTAATGCAATGGTAGCACCC 4314 TACCACGCGCGTACGTGTAACCGAG TCTCGGTTACACGTACGCGCGTGGT 4315 TCCATGATGCATTGGGTGCATTTAG TCTAAATGCACCCAATGCATCATGG 4316 TGGTCCGGCCCTACGAAACGTTCGA TTCGAACGTTTCGTAGGGCCCGGACC 4317 TCCGTGTGGCTGGAGATTCGTGTGA TTCACACGAATCTCCAGCCACACGG	4304	TACCTGCCGGGAGTTCATAGGCTAG	TCTAGCCTATGAACTCCCGGCAGGT
4307 TATAGCGTACGACGAGGTGACGCC TGCGCGTCACCTCGTCGTACGCTAT 4308 TTAGGTCACGATGCGTTTGACGCTA TTAGCGTCAAACGCATCGTGACCTA 4309 TACTGCCCGTACCTCTGGTTCTGGC TGCCAGAACCAGAGGTACGGGCAGT 4310 TCCTTTGGCCTGAAGTTGTCGTAGC TGCTACGACAACTTCAGGCCAAAGG 4311 TGTGCCCCACGAGCGTATCGTTGTA TTACAACGATACGCTCGTGGGGCAC 4312 TAGGCGCTACGTGGGCCTGGAGCAA TTTGCTCCAGGCCCACGTAGCGCCT 4313 TGGGTGCTACCATTGCATTAGTCCG TCGGACTAATGCAATGGTAGCACCC 4314 TACCACGCGCGTACGTGTAACCGAG TCTCGGTTACACGTACGCGCGTGGT 4315 TCCATGATGCATTGGGTGCATTTAG TCTAAATGCACCCAATGCATCATGG 4316 TGGTCCGGCCCTACGAAACGTTCGA TTCGAACGTTTCGTAGGGCCGGACC 4317 TCCGTGTGGCTGGAGATTCGTGTGA TTCACACGAATCTCCAGCCACACGG	4305	TAGCATTGGCGTTTTTCCGCAACGA	TTCGTTGCGGAAAAACGCCAATGCT
TTAGGTCACGATGCGTTTGACGCTA TTAGCGTCAAACGCATCGTGACCTA TACTGCCCGTACCTCTGGTTCTGGC TGCCAGAACCAGAGGTACGGGCAGT TCCTTTGGCCTGAAGTTGTCGTAGC TGCTACGACAACTTCAGGCCAAAGG TTAGGCCCCACGAGCGTATCGTTGTA TTACAACGATACGCTCGTGGGCAC TTAGGCGCTACGTGGGCCTGAGCAA TTTGCTCCAGGCCCACGTAGCGCCT TGGGTGCTACCATTGCATTAGTCCG TCGGACTAATGCAATGGTAGCACCC TACCACGCGCGTACGTGTAACCGAG TCTCGGTTACACGTACGCGCGTGGT TCCATGATGCATTGGGTGCATTTAG TCTAAATGCACCCAATGCATCATGG TGGTCCGGCCCTACGAAACGTTCGA TTCGAACGTTTCGTAGGGCCGGACC TCCGTGTGGGCCCGACCC TTCGAACGTTTCGTAGGGCCGGACC TTCGAACGTTTCGTAGGGCCGGACC TTCCGTGTGGCTGGAGATCTCGAGGCCCGACCC TTCCACGAATCTCCAGCCACACGG	4306	TGGTAATATTCAGCGCGACCGCTCA	TTGAGCGGTCGCGCTGAATATTACC
4309 TACTGCCGTACCTCTGGTTCTGGC TGCCAGAACCAGAGGTACGGGCAGT 4310 TCCTTTGGCCTGAAGTTGTCGTAGC TGCTACGACAACTTCAGGCCAAAGG 4311 TGTGCCCCACGAGCGTATCGTTGTA TTACAACGATACGCTCGTGGGGCAC 4312 TAGGCGCTACGTGGGCCTGGAGCAA TTTGCTCCAGGCCCACGTAGCGCCT 4313 TGGGTGCTACCATTGCATTAGTCCG TCGGACTAATGCAATGGTAGCACCC 4314 TACCACGCGCGTACGTGTAACCGAG TCTCGGTTACACGTACGCGCGTGGT 4315 TCCATGATGCATTGGGTGCATTTAG TCTAAATGCACCCAATGCATCATGG 4316 TGGTCCGGCCCTACGAAACGTTCGA TTCGAACGTTTCGTAGGGCCGGACC 4317 TCCGTGTGGCTGGAGATTCGTGTGA TTCACACGAATCTCCAGCCACACGG	4307	TATAGCGTACGACGAGGTGACGCGC	TGCGCGTCACCTCGTCGTACGCTAT
4310 TCCTTTGGCCTGAAGTTGTCGTAGC TGCTACGACAACTTCAGGCCAAAGG 4311 TGTGCCCCACGAGCGTATCGTTGTA TTACAACGATACGCTCGTGGGGCAC 4312 TAGGCGCTACGTGGGCCTGGAGCAA TTTGCTCCAGGCCCACGTAGCGCCT 4313 TGGGTGCTACCATTGCATTAGTCCG TCGGACTAATGCAATGGTAGCACCC 4314 TACCACGCGCGTACGTGTAACCGAG TCTCGGTTACACGTACGCGCGTGGT 4315 TCCATGATGCATTGGGTGCATTTAG TCTAAATGCACCCAATGCATCATGG 4316 TGGTCCGGCCCTACGAAACGTTCGA TTCGAACGTTTCGTAGGGCCGGACC 4317 TCCGTGTGGCTGGAGATTCGTGTGA TTCACACGAATCTCCAGCCACACGG	4308	TTAGGTCACGATGCGTTTGACGCTA	TTAGCGTCAAACGCATCGTGACCTA
4311 TGTGCCCACGAGCGTATCGTTGTA TTACAACGATACGCTCGTGGGGCAC 4312 TAGGCGCTACGTGGGCCTGGAGCAA TTTGCTCCAGGCCCACGTAGCGCCT 4313 TGGGTGCTACCATTGCATTAGTCCG TCGGACTAATGCAATGGTAGCACCC 4314 TACCACGCGCGTACGTGTAACCGAG TCTCGGTTACACGTACGCGCGTGGT 4315 TCCATGATGCATTGGGTGCATTTAG TCTAAATGCACCCAATGCATCATGG 4316 TGGTCCGGCCCTACGAAACGTTCGA TTCGAACGTTTCGTAGGGCCGGACC 4317 TCCGTGTGGCTGGAGATTCGTGTGA TTCACACGAATCTCCAGCCACACGG	4309	TACTGCCCGTACCTCTGGTTCTGGC	TGCCAGAACCAGAGGTACGGGCAGT
4312 TAGGCGCTACGTGGGCCTGGAGCAA TTTGCTCCAGGCCCACGTAGCGCCT 4313 TGGGTGCTACCATTGCATTAGTCCG TCGGACTAATGCAATGGTAGCACCC 4314 TACCACGCGCGTACGTGTAACCGAG TCTCGGTTACACGTACGCGCGTGGT 4315 TCCATGATGCATTGGGTGCATTTAG TCTAAATGCACCCAATGCATCATGG 4316 TGGTCCGGCCCTACGAAACGTTCGA TTCGAACGTTTCGTAGGGCCGGACC 4317 TCCGTGTGGCTGGAGATTCGTGTGA TTCACACGAATCTCCAGCCACACGG	4310	TCCTTTGGCCTGAAGTTGTCGTAGC	TGCTACGACAACTTCAGGCCAAAGG
4313 TGGGTGCTACCATTGCATTAGTCCG TCGGACTAATGCAATGGTAGCACCC 4314 TACCACGCGCGTACGTGTAACCGAG TCTCGGTTACACGTACGCGCGTGGT 4315 TCCATGATGCATTGGGTGCATTTAG TCTAAATGCACCCAATGCATCATGG 4316 TGGTCCGGCCCTACGAAACGTTCGA TTCGAACGTTTCGTAGGGCCGGACC 4317 TCCGTGTGGCTGGAGATTCGTGTGA TTCACACGAATCTCCAGCCACACGG	4311	TGTGCCCCACGAGCGTATCGTTGTA	TTACAACGATACGCTCGTGGGGCAC
4314 TACCACGCGCGTACGTGTAACCGAG TCTCGGTTACACGCGCGTGGT 4315 TCCATGATGCATTGGGTGCATTTAG TCTAAATGCACCCAATGCATCATGG 4316 TGGTCCGGCCCTACGAAACGTTCGA TTCGAACGTTTCGTAGGGCCGGACC 4317 TCCGTGTGGCTGGAGATTCGTGTGA TTCACACGAATCTCCAGCCACACGG	4312	TAGGCGCTACGTGGGCCTGGAGCAA	TTTGCTCCAGGCCCACGTAGCGCCT
4315 TCCATGATGCATTGGGTGCATTTAG TCTAAATGCACCCAATGCATCATGG 4316 TGGTCCGGCCCTACGAAACGTTCGA TTCGAACGTTTCGTAGGGCCGGACC 4317 TCCGTGTGGCTGGAGATTCGTGTGA TTCACACGAATCTCCAGCCACACGG	4313	TGGGTGCTACCATTGCATTAGTCCG	TCGGACTAATGCAATGGTAGCACCC
4316 TGGTCCGGCCCTACGAAACGTTCGA TTCGAACGTTTCGTAGGGCCGGACC 4317 TCCGTGTGGCTGGAGATTCGTGTGA TTCACACGAATCTCCAGCCACACGG	4314	TACCACGCGCGTACGTGTAACCGAG	TCTCGGTTACACGTACGCGCGTGGT
4317 TCCGTGTGGCTGGAGATTCGTGTGA TTCACACGAATCTCCAGCCACACGG	4315	TCCATGATGCATTGGGTGCATTTAG	TCTAAATGCACCCAATGCATCATGG
TO T	4316	TGGTCCGGCCCTACGAAACGTTCGA	TTCGAACGTTTCGTAGGGCCGGACC
4318 TGTTAGGGCGACGCATATTGGCACA TTGTGCCAATATGCGTCGCCCTAAC	4317	TCCGTGTGGCTGGAGATTCGTGTGA	TTCACACGAATCTCCAGCCACACGG
	4318	TGTTAGGGCGACGCATATTGGCACA	TTGTGCCAATATGCGTCGCCCTAAC

4319 TGGGTCAGTCAGGTGCGTTAGGATC 4320 TGCCGTGAAGTCGAATGCAGTCGA TTGATCTGCATTCGACTTCACGCC TGCCCACCACCCAGTGCATTCAGGTA TTGCTCGATTCGACTTCAGGGC TTGCCCGATGACCGGGGTGGTGGGC TGCCCGATGACCGCACACCTAGGGCATTCAGGGT TTGCCCGATGACCGCACACCTAGGGAGTCATCGGGC TGCCCGATGACCGCACACCTAGGGAGTAC TTGATCTCCCTAATGGCGGCAAACTAAGCTC TGTTACTCCCTAATGGCGGCAAACTAAGCTC TGTTACTCCCTAATGGCGGCAAACA TGCTCGCGTGGATGTCCCGGTTTAG TTAAACCGGCACATCCAGCGGAGC TCGCAGGAGCATCCAGCGGAGC TTACGCTCGCAGGAGTCCCTGTTA TTAAACCGGCACATCCAGCGGAGC TTGCAAGCGACACTCCAGCGGAGC TTGCAAGCGACACTCCAGCGGAGC TTGCCAGGCAACTCCAGCGGAGC TTGCCAGGCAACTCCAGTTACCA TTGCCAGCAACTACAGCGAGAGCAC TTGCCAGGCAACTACAGCGAGAGCAC TTGCCAGGCAACTACAGCCAACT TTGCCAGCAACTACAGCCAACT TTGCCAGCAACTACAGCCAACT TTGCCAACTACAACCAGCAGAGCAC TTGCCAAGTAACAGCCAGCACA TTGCCTGCCAAATCAACAGCAGCAAC TTGCTGCAAATACAGCCAGCAAC TTGCTGCAAATACAGCCAGCAAC TTGCTGCCAAATCAACCACCAACT TTGCCAGCAACTACACTCCCACA TTGCTGCAACTAACAGCCACACCCAACT TTGCCAGCAACTACACCCCAACT TTGCTGCAACTAACCAGCTCCCACA TTGCTGCACAACTCCCCACACCCACACCCCACACT TTGCCTGCCAACTACCCCCACACCCCACACCCCCACACCCCCCCACACCCCCC			
4321 TIGCCACCACTGATTCAGGTA 4322 TGAGCTTAGTTTGCGGTCATCGGGC 4323 TIGTTTGCCGCCATTAGGAGATACACTGAGCCGCAAACTAAGCTC 4324 TGCTCCGCTGATTGGGAGATAAC 4325 TCGGTAGCATGCGGGTTTAG 4326 TCTACGCTGGATGTGCCGGGTTTAG 4326 TCTACGCTGCATGTGCCTGCCA 4327 TGTCCCCTGCTGATTTGCCACG 4328 TTGGCCTCCTCCTGCTGTATTTGCCAG 4329 TTCTGGAGCTCCTGCTAC 4329 TTCGCACCCACTTGCCCAC 4330 TTGCACCCGGAACTCCCTGTAC 4331 TTGCACCCGGAACTCCCTTTACCAT 4332 TAACTGGTAGACTCCCTTTACCAT 4333 TAGACGACACTCCTTTACCAT 4334 TATGCCCCCTTTCACACT 4335 TATTCTCGAGCGGAACTCCCTTTACCAT 4336 TATACCCGGAACTCCCTTTACCAT 4337 TACCTACCCCTTCATGAAGCAC 4338 TTGCCACCGGAACTCCCTTTACCAT 4330 TTGCACCCGGAACTCCCTTTACCAT 4331 TTGCCACCGGAACTCCCTTTACCAT 4332 TAACTGGTGACGCGGTACAGCGAAC 4333 TAGACGATACGCTGGACGCCGTCG 4334 TATGCCCCCTTCATGGAAAGCAC 4335 TATTCTCGGAGCGGTACAGCGAAC 4336 TATACCCTCCTTCATGGAAAGGGTT 4337 TACCTACGCATACCGCAA 4338 TATTCTCGGAGCGTACAGCGAAC 4339 TCCTTCCAGCCAATTCGCCCACAAC 4339 TACCTACCGCATACCGCAAC 4339 TCCTCTCACCGAACTCCCCTTTGCCAAC 4330 TTCCGCGGAACTCCCTTCACCGAAC 4331 TACCTACCGCATACCGCACAC 4332 TACCTACCGCATACCGCAC 4334 TATCCCACCACTTCGCCACACC 4336 TATACCCACCCTTTCATGCAAACGCAC 4337 TACCTACCGCATACCCCTTTGCCACAC 4338 TACCTACCGCATACCCCTTGCCCACAC 4339 TCCTTCACGCATACCCCTTGCCCACAC 4340 TCCGGAATGATCCCCTTGCGCACAC 4341 TTGAGAGAGCGTTTGGTAAGGCAA 4342 TAAGCAGCGATACTCCCCTTTGCCAACCCCTTCCCC 4343 TCCGGTTAGCACCACCCCT 4344 TAAGCAAGCGCTTGAGCACACCCT 4344 TAAGCAAGCGCTTGAGCACCCCT 4345 TCCCGCCACCACCCCT 4346 TTTGCCTGCCCAAGCGCCTCGCCACCACCCCCCCCCCCC	4319	TGGGTCAGTCAGGTGCGTTAGGATC	TGATCCTAACGCACCTGACTGACCC
4322 TGAGCTTAGTTTGCGGTCATCGGGC TGCCCGATGACCGCAAACTAAGCTC 4323 TTGTTTGCCGCCATTAGGGAGTAAC TGTTACTCCCTAATGGCGCAAACA 4324 TGCTCCGCTGGATGTGCCGGTTTAG TCTAAACCGGCACATCCAGCGGAGC 4325 TCGGTAGCATGCGAGATCCCTGTTA TTAACAGGGATCTCGCATGCTACCG 4326 TCTACGCTTCACCAGTTGCCTCGCA TTCGCAGGCACATCGAGCGCACA 4327 TGTGCCTCTGCATGTTTGCCAAG TCTTGCCAGGGAGCACTGGTAGCGCAGACTGGTAGCGTAGCAGAGCACTGGTAGCAGCAGTAG TCTACGCAGCAACTGGTAGAGCGTAA 4328 TTTGCGACTCGACTTGGACGAGTAG TCTACGCAGGAGAGCACA 4329 TTCTGGGAGCTGTTTACTCCAGCA TTGGCTGCAAGTCGAGTGGGAA 4329 TTCTGGGAGCTGTTTACTCCAGCA TTGGCTGGAGTACAGCCCAGA 4330 TTGCACGCGGAACTCCCTTTACCAT TATGGTAAAGGGAGTAC 4331 TTGGCAGCAAATGAATCGAAAGCAC TGTGCTTTCGATTCATTTGCTGCCA 4332 TAACTGGTGACGCGGTACAGCGAAG 4333 TAGACGATTACGCTGGAAAGCAC TCTTCGCTGATCCGCGTCACCAGTT 4334 TATGCCCTCCTTCATGGAAAGCAC TCTCCGTTACCACCGTCACCAGTT 4335 TATTCTCGGAGCGGTAGCGCAGAA 4336 TATAGCGGAGGTATGCGCCAGAA TTTCTGGCGAATCCCCCGAAATTAAGCCTTCCATGGAAAGGGTT 4337 TACCTACGGATTGGGCAGAAC TGTTCCATGAAGGAGGCAT 4338 TATACCGGAGGTTTGGGTACGCCAGAA 4339 TCCTGTTAGCAATCGGCTGGAGC 4330 TCCTGGCAATGCGCAAC TGTTCCGCCAAACTCCGCTAT 4331 TGATTACCGAATGCGCAAGCAGC 4332 TAACCAGCATACCGCTTGGGAAG 4334 TATGCCGAATGCGCCAAGC 4335 TATTCTCGGAGCGATTACGGCCAACC 4336 TATAGCGGAGTTTGGGTACGCCAAAC 4337 TACCTAAATGCCAAAGCAC 4339 TCCTGTTAACAGCACCACCAACCCCGCAAC 4340 TCGGAATGATGCGCCAAGCA 4341 TGAGAGAGGAGCAC 4342 TAAGCAGGAGGATACCCTCTCG 4341 TGGAATGACGCCAAACGCAT 4342 TAAGCAGGCGATAGCGCTGAACAGCACCTTCACAACCCCCTTCTCA 4343 TTCACGAACAGACGGAGC 4344 TAAGCAAGAGGAGCAC 4344 TAAGCAAGAGGAGAC 4344 TAAGCAAGAGAGGATACCTCCCG 4341 TGGAATGACGCCGCAACATTACC 4342 TAAGCAAGAGAGGATACCCTCCG 4343 TCCCTGTTAGCACGACCGCACAACCCCCAACCCCCTCTCTCA 4344 TAAGCAAGTTGCCCCAACCCCCAACCCCCAACCAGC 4346 TTTGCAACAACGAGCCTTTGGCAACCCCGCACAACCCCCAACCCCAACCAGCCCTTCTCA 4347 TAAGCAAGAGAGGATACTCCTCG 4348 TGGATAGAGTGAATCGGCCAACCCCGAACACCCCGAACTTCACCAACCCCAACCAGCCAACAGAGAGCCCAA 4348 TGGATAGAGTGAATCGACCGCACACCTCTGCCCTCACAAGCACCCCAACACCCCAACACCCCAACACCCCAACACCCCAACAC	4320	TGCCGTGAAGTCGAATGCAGATCGA	TTCGATCTGCATTCGACTTCACGGC
4323 TIGTTTGCCGCCATTAGGAGTAAC TGTTACTCCCTAATGGCGCAAACA 4324 TGCTCCGCTGGATGTCCCGGTTTAG TCTAAACCGGCAATCCAGCGGAGC 4325 TCGGTAGCATGCGAGATCCCTGTTA TTAACAGGGATCTCGCATGCTACCG 4326 TCTACGCTCTACCAGTTGCCTGCGA TCCGCAGCCAACCA 4327 TGTGCCTCCTGCTGTATTTGCCAAG TCTACGCAGGCACACCAGCGGAGCAC 4328 TTTGCGACTCTACCAGTTGCCAAG TCTACCAGTCGAACCGAGAGAGCAC 4329 TTCTGGGACTTGGACCAAG TCTACCCAGTCGAGTCGACAC 4330 TTGCACCGCGACTTTGACCAT TATGGCTACAGCAGCAGCAGCAC 4331 TTGGCACGCAAATCAACAGCCCA TTGGCTGAGTCAACCGCACA 4332 TAACTGGTGAACGCAACCAT TATGGTAAACAGCTCCCAGA 4333 TAGACGATTACCCTTTACCAT TATGGTAAAGGGAGTTCCGCGTGCA 4331 TAGCCGCGAAATGAAACAAC TGTGCTTTCACTTTGCTGCA 4332 TAACTGGTGACCGCGTCACCAGTT 4333 TAGACGATTACCCTGGACCGCCACCAGTT 4334 TATGCCCTCCTTCATGGAAAGCAC TCTCCCTCAAGCACCAGTT 4335 TATTCTCGGAGCCGTACCAGTAC 4336 TATACCCGAGCGTACCAGAAA TTTCTGGCGCATACCCGTATC 4337 TACCTACGCATACCCGTTGGCCAAA 4338 TGATTACCTGAATGGCCAAACC 4339 TCCTGCCAAACCCCCTCG 4330 TCCTGAATGGCCAAACCACCTTCACCAAACTCCCGCTAT 4331 TACCTACGCATACCGCTTGGCGAAC 4332 TAACCAGCATACCGCTTGGCGAAC 4333 TGACTACCGCAAACCACCCTTCACAAACCACCCCTAT 4334 TACCTACAACACCCCTTGGCAAC 4336 TATACCTGAATGGCCAAACCACCT 4337 TACCTACAACACCCCTTGGCAAC 4338 TGATTACCTGAATGGCCAAACCACCT 4339 TCCTGTTAGCATCACGCCGTTAGC 4340 TCCGAAACACACCCT 4341 TTGAGAAGAGCGCTTAGCGCCAAACCCC 4341 TTGAGAAGAGCGCTTGGTCAAACACCC 4341 TTGAGAAGAGCGCTTGGTAAGGCAA 4342 TAACCAGCCCGTGGTAACACCCT 4343 TCCAGACAGACGGCTTAGGTAACAACACCCCTCTCCA 4344 TAACCAATTTGCCCTCGACAAACCAC 4344 TAACCAATTTGCCCCCCAACCCT 4344 TAACCAAACCAGGCCTTTCAA 4345 TGCTGGACGAACGAATTAC TGCAACACCCCGCCTTCTCA 4346 TTGCAGACAGACGAACCAACCACCC TGCCCAAACCACCCCTCTCCA 4347 TTGGGCTCCTCTGAGCAAACACACCCCTCTCCAACCCCAACCACC 4348 TGCATCAGACACACCCTCTCTTTTGCCAACAACCCCGCCACCCAACCACC 4349 TTGCACCAAACCCCGGAAATTAC TGCAAAACCACCCAACCACCAACACCCAACACCCCAACCACCACCAACAC	4321	TGCCACCACCCAGTGCATTCAGGTA	TTACCTGAATGCACTGGGTGGTGGC
4324 TGCTCCGCTGGATGTCCCGGTTTAG TCTAAACCGCCACATCCAGCGGAGC 4325 TCGGTAGCATGCCAGATCCCTGTTA TTAACAGGGATCTCCACCGGAGC 4326 TCTACGCTCTACCAGTTGCCTGCGA TTCGCAGGCAACTGGTAGAGCGTAG 4327 TGTGCCTCCTGCTGTTATTTGCCAAG TCTTGGCAAGTCGAAGCGCAC 4328 TTTGCGACTCGACTTGGACGAGTAG TCTTGGCAAATACAGCAGGAGGCAC 4329 TTCTGGGAGCTGTTTACTCCAGCCA TTGGCTGCAAGTCGCAA 4329 TTCTGGGAGCAATTACTCCAGCCA TTGGCTGCAAGTCGCAA 4330 TTGCACGCGGAACTCCCTTTACCAT TATGGTAAAGGGAGTTCCCGCGTGCA 4331 TTGGCAGCGGAACTCCCTTTACCAT TATGGTAAAGGGAGTTCCGCGTGCA 4332 TAACTGGTGACGCGGAAG TCTTCGGTTCAATTGCTGCCA 4333 TAGACGATTACGCTGGACGCCGTCG TCGACGGTCCACCAGTT 4334 TATGCCCTCCTTCATGGAAAGCAC TCTTCGCTGTACCGCGTCCACCAGTT 4335 TATTCTCGGAGCGCTGCG TCGACGGGTCCACCAGTT 4336 TATTCTCGGAGCGTAGCCCAAA TTTCTGGCGAACCCCTCCGAGAAT 4337 TACCTACGCATACCGCTTGGCGACA 4338 TGATTACCTGGAAAGCAC TCTTCGCGCACCCAAACTCCCGCTAT 4339 TCCTACCGCATACCGCTTGGCGAGG 4340 TCGGAATGATCGCCAAAC TCTTCGCCTAGCCAAACTCCCGCTAT 4340 TCGGAATGACCCCATAGG TCCTCCCCAAACTCCAGTATCAG 4341 TTGAGAGAGAGCAC TGCTCGCCAAGCGCGTATCAGGTAATC 4342 TAACCAGCATACCGCTTAGG TCCTAAGCGCCGTATCAAGGAACG 4341 TTGAGAGAGGGCCCAACACGCT TAGCGTTTCACCAACCCCTTCCCA 4342 TAACCAGCGCGAAACGCT TAGCGTTTCACCAACCCCTTCTCA 4343 TCCTGTTAGCATCACGGCAACCGCT TCGCCTAGCCCTTCTCA 4341 TTCACGACAGACGGACC TCCTCAACCCCCTTCTCA 4342 TAACCAGCAGCGCCGAAAACGCT TAGCGTTTCACCAACCCCTTCTCA 4343 TCCAGACAGAGGGATACTCCCCG TCGCCAAACCGCCTTCTCCA 4341 TTCACGACAGACGGCCGAGATTAC TCTAACCAACCCCCTTCTCAA 4342 TAACCAGCAGCGCCGAGATTAC TTAACCAAACGAGGCCAAATTCCTT 4343 TCCAGACAGACGGCCGAGATTAC TTAACCAAACCAAGCCCTTCTCCA 4344 TAAGCAAGCAGGGCCAACCAGC TCGCCAAACCCCAGC TTGCGGGACCAAACGGCT TTGCACCAAACCAGCCCTTTGGCCTTCGCCTGCTT 4343 TTCACCACAACCCGGCCAACTATT TATATGCCGACCAACTCCTCTCAA 4344 TAAGCAACCGGGCCAACATTT TATATGCCGACCAACCCCAGCCAAC 4346 TTTGGAATCCGTTCTGTCCCCGAC TGCCCAACCCCAGCAACCACC 4346 TTTGGAATCCGTTCTGTCCCCGAC TGCCCACCAGCCAACCACCAGC 4346 TTTGCACCAAACCCGGCCAAC TGTTGCCGCAACCCAGC 4347 TTGCACCCAAACCCGGCCAAC TGTTGCCGTGCAACCCCAACCCCAGCAATTCCCTTCCC	4322	TGAGCTTAGTTTGCGGTCATCGGGC	TGCCCGATGACCGCAAACTAAGCTC
4325 TCGGTAGCATGCGAGATCCCTGTTA TTAACAGGGATCTCGCATGCTACCG 4326 TCTACGCTCTACCAGTTGCCTGCGA TTCGCAGGCAACTGGTAGAGCGTAG 4327 TGTGCCTCTGCTGTATTTGCCAAG TCTTGGCAAATCAGCAGGAGGCAC 4328 TTTGCGACTCGACTTGGACGAGTAG TCTTGGCAAATCAGCAGGAGGCAC 4329 TTCTGGCAGCTGTTACTCCAGCCA TTGGCTGCAAGTCGAACTCGCAAA 4329 TTCTGGCAGCTGTTACTCCAGCCA TTGGCTGAGTTAACAGCTCCCAGA 4330 TTGCACGCGGAACTCCCTTTACCAT TATGGTAAAGGGAGTTCCGCGTGCA 4331 TTGGCAGCAAATGAATCGAAAGCAC TGTGCTTTGGATCATTTTGCTGCA 4332 TAACTGGTGACGCGGTACAGCGAAG TCTTCGGTGTACCGCGTCACCAGTT 4333 TAGACGATTACGCTGGACGCCGTCG TCGACGGGTCCACCAGTT 4334 TATGCCCTCCTTCATGGAAAGGGTT TAACCCTTTCCATGAAGGAGGCCAT 4335 TATTCTCGGAGCGTACAGCGAAA TTTCTGGCGCAAACTCCCGCTAT 4336 TATTCTCGGAGCGTTAGGCCCAGAA TTTCTGGCGAAACTCCCGCTAT 4337 TACCTACGCATACCGCTTGGCGAGG 4338 TGATTACCTGAAAGCAC TGTTCGCCAAACTCCCGCTAT 4339 TCCTGTTAGCATCACGCTGGCAAC TGTTCGCCAAACTCCCGCTAT 4330 TCCTGTTAGCATCACGGCGCTTAGG TCCTCGCCAAGCGGTATGCTACAGG 4340 TCGGAATGATGCCCAAACGCT TAGCGTTGGCAAACTC 4341 TTGAGAGAGGGAC TGCTCGCAAACGCCTTCCA 4342 TAACCAGCGCAACACGCT TAGCGTTGCCAACGCCTTCCCA 4343 TCCTGTTAGCATCACGGCGCTTAGG TCCTCAACAGCCCTTCTCCA 4344 TAACAAGGCGAACGGAAC TTTCCCTGAACAGCCCTTCTCCA 4345 TCCTGGCAAGCGCCGAAATTCTCCTG 4341 TTCACAAACGACGCCTCTCTCA 4342 TAACCAGCCGAAGGGAACCATTTTGCT 4343 TCCTGGTTGCGAACGGAC TTGCCTTGCCCTGCTT 4344 TAACAAGCAGGGAACGAACTCCTCTCG TCGAGGAGATTCCCTTCA 4342 TAACCAAGCCGAACGGAACTAT TGCAAAAACGAGGCCAAATTCCTT 4343 TCCTGGTTGCGCTAGGAACGAACTCCTCCCAAAACACACCCCGCCTTTCTCA 4344 TAAGCAAGCAGGAACGAACTCCTCCG TCGCCAACCAGC 4346 TTTGGAATCCGTTCTGTCCCCGAC TGCCAAAACCAACCCCGCAACCAGC 4346 TTGGAATCCGTTCTGTCCCCGAC TGCCAAAACCAACCCCGAAATTCCTT 4347 TGCACCAAACCGGCCAAACTTTTCCTGAACAAACCAACCCCGAAACTCACCAAACCACCAACCA	4323	TTGTTTGCCGCCATTAGGGAGTAAC	TGTTACTCCCTAATGGCGGCAAACA
4326 TCTACGCTCTACCAGTTGCCTGCA TTCGCAGGCAACTGGTAGAGCGTAG 4327 TGTGCCTCCTGCTATTTTGCCAAG TCTTGGCAAATACAGCAGGAGGCAC 4328 TTTGCGACTCGACTTGGACGAGTAG TCTACTCGTCCAAGTCGAGTCG	4324	TGCTCCGCTGGATGTGCCGGTTTAG	TCTAAACCGGCACATCCAGCGGAGC
4327 TGTGCCTCCTGCTGTATTTIGCCAAG TCTTGGCAAATACAGCAGGAGGCAC 4328 TTTGCGACTCGACTTGGACGAGTAG TCTACTCGTCCAAGTCGAGTCG	4325	TCGGTAGCATGCGAGATCCCTGTTA	TTAACAGGGATCTCGCATGCTACCG
4328 TTTGCGACTGGACTTGGACGAGTAG 4329 TTCTGGGAGCTGTTTACTCCAGCCA 4330 TTGCACGCGGAACTCCCTTTACCAT 4331 TTGGCAGCAAATGAATCGAAAGCAC 4332 TAACTGGTGACGCGGTACAAGCAAC 4331 TTGGCAGCAAATGAATCGAAAGCAC 4332 TAACTGGTGACGCGGTACAGCGAAG 4333 TAGACGATTACGCTGGACGCGCGTCG 4334 TATGCCCTCCTTCATGGAAAGCGT 4335 TATTCTCGGAGCGCGTACAGCGAAG 4336 TATTCTCGGAGCGCTCG 4337 TACTCGCGAGCGCTTCATTGAAAGGGTT 4338 TATTCTCGGAGCGCTACACAGAA 4339 TACCTACGAACCCCTTCATTGAAAAGGGTT 4339 TACCTACGCATACCGCTAGAAA 4330 TACCTACGCATACCGCTAGAA 4331 TATCTCGGAGCGTACCGCAAAA 4332 TATCTCCGAACGTTTGGCCAAGAA 4333 TATCTCCGAACGTTTGGCCAAGAA 4334 TATCCCGAACCTCCGCTAT 4335 TATCTCGGAACGTACCCCAACACTCCCCTAT 4337 TACCTACGCATACCGCTTGGCAAGC 4338 TGATTACCTGAATGCCCAAGCGT 4339 TCCTGTTAGCATACCGCTTAGG 4340 TCGGAATGATCCGCTCGACAACGCT 4341 TTGAGAGAGGCCTCGACAACGCT 4342 TAAGCAGCGCATCACGCCCAGCAA 4342 TAAGCAGGCGAACACGCT 4343 TTCACGACAGAGGGATCCCCTCC 4344 TTGAGAGAGGGCTTGGTTAAGGCAA 4345 TTCACGACAGACGGGCCGAGATTAC 4346 TTTGACGACAGACGGGCCGAGATTAC 4347 TAGCGACAGACGGGCCGAGATTAC 4348 TAAGCAATTTGGCCTCGTTTTTGGA 4349 TTGCCGGACAGACGGCCCGACATAT 4341 TATGCGACCAGACCAGC 4342 TAAGCAGACGGGCCCAACTAT 4343 TTCACGACAGACGGGCCCAACTAT 4344 TAAGCAATTTGGCCTCGTTTTTGGA 4345 TGCTGGTTGCCCCGAC 4346 TTTGTGAATCCGTTCGTCTTCTCC 4347 TTGGGCTCCTTCTGTCCCCGAC 4348 TGGATAGAGTGAATCACACACGCCTCTCTCCA 4349 TTGCACCAACACCGGCAACTAT 4340 TTGGCCTCCTGAGCCAGAATAC 4341 TTGGAATCCGTCTGTTCTGCCCCGAC 4342 TAAGCAGACGGAACCAGCC 4343 TTGCCCGAACACCGGCAAC 4344 TAAGCAATTTCCGCCGAC 4345 TTGCCCGAACACCCGCAAC 4346 TTTGCACCAACACCCGCAAC 4347 TTGGCCTCTCAGGCCAGATAT 4348 TTGCACCAACACCCGAACCAC 4349 TTGCACCAACACCCGAACCAC 4349 TTGCACCAACACCCGAACCAC 4340 TTGCACCAACACCCGAACCAC 4341 TTGCACCAACACCCGAACAC 4342 TATACTCCAACACCCGAACAC 4343 TTGCACCAACACCCGAACAC 4344 TATACTCCACAACACCCGAACAC 4345 TTGCACCAACACCCGAACAC 4346 TTTGCACCAACACCCGAACAC 4347 TTGGCACTACAACCCGGCCAAC 4348 TTGCACCTAAGACCGGCCAC 4349 TTGCACCAACACCCGAACCAC 4350 TCCCAGCACACCTCTCTTCCCCACCCACCCCAACCCCAACCACCCCAACCACC	4326	TCTACGCTCTACCAGTTGCCTGCGA	TTCGCAGGCAACTGGTAGAGCGTAG
4329 TTCTGGGAGCTGTTTACTCCAGCCA TTGGCTGGAGTAAACAGCTCCCAGA 4330 TTGCACGCGGAACTCCCTTTACCAT TATGGTAAAGGGAGTTCCGCGTGCA 4331 TTGGCAGCAAATGAATCGAAAGCAC TGTGCTTTCGATTCATTTGCTGCCA 4332 TAACTGGTGACGCGGTACAGCGAAG TCTTCGCTTACCACCAGTT 4333 TAGACGATTACGCTGGACGCCGTCG TCGACGGCGTCACCAGTT 4334 TATGCCCTCCTTCATGGAAAGGGTT TAACCCTTTCCATGAAGGAGGGCAT 4335 TATTCTCGGAGCGTATGCGCCAGAA TTTCTGGCGCATACGCTCCGAGAAT 4336 TATAGCGGAGTTTGGGTACGCCAGAA TTTCTGGCGCATACCGCTCCGAGAAT 4337 TACCTACGCATACCGCTTGGCGAGG TCCTCGCCAAACTCCGCTAT 4339 TCCTGTACACAGCGCGAAC TGTTCGCCAAGCGGTATGCGTAGCT 4340 TCGGAATGACGCCAAGCGAGC TCCTCGCCAAGCGGTATCCAACCAGG 4341 TTGAGAGAGCCACACACCCT TAGCGTTTCCGCTGCTT 4342 TAAGCAGCGATGCGCTAAGGCAAC 4344 TAAGCAGCGATACCCTCTCACAACACCCT 4345 TTCACGACAGAGGATACTCCTCC TCGAGGAGTATCCCTTCAC 4346 TTGAGAACGACGGCCGAGATACCTCTCG 4347 TTGAGAACGACGGCCCAGAATAC 4348 TGATTACCTGATAGGCAAACACACCCT 4349 TTCACGAACGACGGGCCAGAATAT 4340 TAGCAATTTGGCCTCGTTTTGTGA 4341 TAGCAACACAGCGCCAGAACACACCCT 4342 TAAGCAACGGGCCCAGAATAC 4344 TAAGCAACGGGCCCAGAATAC 4345 TGCTGGTTGCGCAACACAC 4346 TTTGAGAACCAGACGGCCCAAATTGCTT 4347 TTGCGGTAGCATACGAACACAC 4348 TGCTGGTTGCGCAACACAC 4348 TGCTGGTTCGGTAGGATCGCAAT 4349 TTGCCCCGAACACACCCC 4348 TGGATAGAATCGACCAGAATTC 4349 TTGCCCCGAACACCACAC 4349 TTGCCCCCAACCACCCCAACCACAC 4349 TTGCCCCCAACCACCCCAACCACAC 4349 TTGCCCCCAACCACCACACCCCAACCACAC 4350 TGCCAGTATTCTCGGCTGAATAT TATATCCCGTCCTCAGAGGAGCCCA 4351 TTCGCACCAACACCCGGAAATT 4351 TTCCCACACACCCCGAACTTCCT 4352 TTGCCAACACCCCGAAAATACTGCC 4353 TCCCAGTATTCTCGGCTGTTGGACC 4354 TATGCCCCCACCCTTGGAGTAT 4355 TCCAGACAGACGCCCCTTTGGAGTAT 4355 TCCAGACAGATGGCCTTGGAACCATG 4355 TCCAGACAGACGCCCTTTGGAACCATG 4366 TTTGAGACCTACCGGCCCTTTGGAGTAT 4370 TTCCCACACACCCCGGAACTTCTTTTCC 4361 TTCCCACACACCCCGAGAATACTTGCC 4362 TTGCCACACACCCCGAGAATACTTGCC 4363 TTGCCACACACCCCGAGAATACTTGCC 4364 TTTGCCACACACCCCGAGAATACTTGCC 4365 TTCCACACACCCCGAGAATACTTGCC 4365 TTCCACACACCCCGAGAATACTTGCC 4365 TTCCACACACCCCGAGAATACTTGCC 4365 TTCCACACACCCCGAGAATACTTGCCA 4365 TTCCACACACCCCGACCCTTTGCTCCCCCACCCCTTTGCTCCCCCACCCCTTTGCTCCCCCCACCCCTTTGCTCCCCCCCC	4327	TGTGCCTCCTGCTGTATTTGCCAAG	TCTTGGCAAATACAGCAGGAGGCAC
4330 TIGCACGCGAACTCCCTTTACCAT TATGGTAAAGGAGTTCCGCGTGCA 4331 TIGGCAGCAAATGAATCGAAAGCAC TGTGCTTTCGATTCATTTGCTGCCA 4332 TAACTGGTGACGCGGTACAGCGAAG TCTTCGCTGTACCGCGTCACCAGTT 4333 TAGACGATTACGCTGGACGCCGTCG TCGACGGCGTCAGCGTAATCGTCT 4334 TATGCCCTCCTTCATGGAAAGGGTT TAACCCTTTCCATGAAGGAGGGCAT 4335 TATTCTCGGAGCGTATGCGCCAGAA TTTCTGGCGCATACGCTCCGAGAAT 4336 TATAGCGGAGTTTGGGTACGCGAAC TGTTCGCGTACCCCAACTCCGCTAT 4337 TACCTACGCATACCGCTTGGCGAGG TCCTCGCCAAGCTGCTAGGT 4338 TGATTACCTGAATGGCCAAGCGGC TGCTCGCCAAGCGGTATGCGTAGGT 4339 TCCTGTTAGCATCACGGCGGTTAGG TCCTCAGCGCATCACGGTAATC 4340 TCGGAATGATCACGGCGCTTAGG TCCTAACCGCCGTGATGCTAACAGG 4341 TTGAGAGAGGCGTTGGTTAAGGCAA TTTGCCTTAACCAACGCCTCTCCA 4342 TAAGCAGCCGAACACCCT TCGAGAGAGTACCCTTCCG 4343 TTCACGACAGACGGGCCGAATTAC TGTAATCTCGGCCCGTCTTCA 4344 TAAGCAGCCGAACAGCT TCGAGAGAGTACCCTTCCTT 4345 TGCTGTTGCCGTAGGAATTAC TGTAATCTCGCCCCGTCTTCGA 4346 TTGCACAAACGAGGCCAAATTAC TGTAATCTCGCCCAACCACC 4347 TGGGCTCCTCGTTTTGTGA TTCACAAAACGAGGCCAAATTGCTT 4348 TGCTGTTGCGGTAGGATCGCATAT TATATGCGATCCTACCAACCAGC 4349 TTGGGCTCCTTCGTCCCCGAC TGTCGGGGACAACGAGTTCACAA 4347 TTGGGCTCCTTGGTCCCCGAC TGTCGGGGACAACAGGATTCACAA 4348 TGGATAGAGTGAATCGACCGGCAAC TGTTGCGGTGCAACCAGC 4348 TGGATAGAGTGAATCGACCGGCAAC TGTTGCGGTCGATTCACTACAA 4349 TTGCACCGAACGTGCAACACCGGAACGATTCCCTTACC 4349 TTGCACCGAACGTGCACCGGCAAC TGTTGCCGCTCAGAGGAGCCCA 4348 TGGATAGAGTGAATCGACCGGCAAC TGTTGCCGCTCAGAGGAGCCCA 4350 TGCCAGTTTCTCGGGTGTTGGACG 4351 TTCCCAACACCCGAACACCCGAGAATACTGCC 4352 TTGCCACCTAAGACCGGCCCATAC TGTTGCCCGGTCTTAGGTAGCAA 4352 TTGCCACCTAAGACCGGGCCATAC TACTAGCCCGGCCCTTTAGGTAGCAA 4354 TATGAAGCCTACCGGCACATC TTAATCCCAAGAGCGCCTCGTCAAGCCAGC 4355 TCCCAGCACAGCCCCTTGGAGTAT TAATTACTCCAAGAGCGCCCAATACCAA 4351 TCCCAGCACACCCGGACAAC TGTTCACCAAACCCCGAGAATACTGGC 4353 TCGCGTCCCAGCGCCCTTGGAGTAT TACTCCAAGGGCGCTGGACCGA 4354 TATGAAGCCTACCGGGCACTTCGT TACGAAGTCCCCGGTAGGCTTCAT 4355 TCCAGACAGATGGCCTTGGAGCACCATG TCATGGTTCCAGGCCATCTGTCTGG 4355 TCCAGACAGATGGCCTTGGAGCATCGTTCATCCGCCCGGTAGGCTTCAT	4328	TTTGCGACTCGACTTGGACGAGTAG	TCTACTCGTCCAAGTCGAGTCGCAA
4331 TIGGCAGCAAATGAATCGAAAGCAC TGTGCTTTCGATTCGCTGCCA 4332 TAACTGGTGACGCGGTACAGCGAAG TCTTCGCTGTACCGCGTCACCAGTT 4333 TAGACGATTACGCTGGACGCCGTCG TCGACGGCGTCACCAGTT 4334 TATGCCCTCCTTCATGGAAAGGGTT TAACCCTTTCCATGAAGGAGGGCAT 4335 TATTCTCGGAGCGTATCGCCCAGAA TTTCTGGCGCATACGCTCCGAGAAT 4336 TATAGCGGAGTTTGGGTACGCGAAC TGTTCGCGTACCCAAACTCCGCTAT 4337 TACCTACGCATACCGCTTGGCGAGG TCCTCGCCAAGCCGTATGCGTAGGT 4338 TGATTACCTGAATGGCCAAGCGAGC TGCTCGCCAAGCGGTATGCGTAGGT 4339 TCCTGTTAGCATCACGGCGCTTAGG TCCTCAACCGCCTTCAGGTAATC 4340 TCGGAATGATCGCCTCGACAACGCT TAGCGTTGTCGAGCGCATCATTCCG 4341 TTGAGAGAGGCGTTGGTTAAGGCAA TTTGCCTTAACCAACGCCTCTCTCA 4342 TAAGCAGGCGAACGAACCAT TTGCCTTAACCAACGCCTCTCTCA 4343 TTCACGACAGACGGAGATACC TCGAGGAGTATCCCTTCGCCTGCTT 4344 TAAGCAATTTGGCCTCGTTTTGTGA TTCACAAAACGAGGCCAAATTGCTT 4345 TGCTGGTTGCGGTAGGATCGCATAT TATATGCGATCCTACCGCAACCAGC 4346 TTTGTGAATCCGTTCTGTCCCCGAC TGTCGGGGAACCAACCAGC 4347 TTGGGCTCCTCTGAGGCGAATTAC TGTCACAAAACGAGGCCAAACTGCTT 4348 TGCACGAACGGTAGGATCGCATAT TATATGCGATCCTACCGCAACCAGC 4348 TGGATAGAGTGAATCGACCGGCAAC TGTCGGGGGACAAACCGAGCCCA 4349 TTGCACCGAACGTCCACCAGACCAAC 4349 TTGCACCGAACGTCACCAGACCAAC 4350 TGCCAGTATTCTCGGGTGTTGGACG TCGTCCACCACCACCAA 4351 TTCCCCAACACCCGAACAATCCTCTCCC 4351 TTCCCCAACACCCGAACAATCCTCTCCCCAACCACCCAACCAGC 4352 TTGGCATTCTCGGGTGTTGGACG TCGTCCAACACCCCGAGAATACTGGCC 4353 TCCCCACCTAAGACCGGCCATAT TAATTCCCAACCCCGAGAATACTGGCA 4354 TATGAAGCTACCGGCCATAC TGTTGGCCCGGTCTTAGGTAGCGA 4355 TCCCAGCACGACCAGCCCTTTGGATTCATTCTCTTTACCAAAACCAACC	4329	TTCTGGGAGCTGTTTACTCCAGCCA	TTGGCTGGAGTAAACAGCTCCCAGA
4332 TAACTGGTGACGCGGTACAGCGAAG 4333 TAGACGATTACGCTGGACGCCGTCG 4334 TATGCCCTCTTCATGGAAAGGGTT 4335 TATTCTCGGAGGCGTACAGCGAAA 4336 TATTCTCGGAGGCGTATGCGCCAGAA 4337 TACCTACGCATTGGGTACGCCAGAA 4338 TACTACCCTTCATGGAAAGGGTT 4339 TACCTACGCATACCGCTTGGCGAGG 4339 TCCTGTTAGCATACCGCTTGGCGAGG 4340 TCGGAATGATCACTCCGCTAGG 4341 TTGAGAGAGGGCGTTAGG 4341 TTGAGAGAGAGGCTTAGG 4342 TAAGCAGATACCGCTCGACAACGCT 4343 TCCTGTTAGCATCACGGCGCTTAGG 4341 TTGAGAGAGAGCGAAC 4342 TAAGCAGAGAGGAAC 4343 TCCCGAAACGCT 4344 TAAGCAGAGAGGAACTCCCCTCCAAACGCCTCTCCA 4345 TCCCGAAAGAGGAACTCCCCTCCAAACGCT 4346 TTCACCAAAACGAGCAACGCT 4347 TTGAGAAACCGGCCCAGAACGCT 4348 TGCTGGTTGCGCAGAACGCT 4349 TTGCACCAAACGCTTCGCCAAAACGCCAAACGCCCCCAAACCACCCCAACCAGCCAACCAACACGCCCCCC	4330	TTGCACGCGGAACTCCCTTTACCAT	TATGGTAAAGGGAGTTCCGCGTGCA
4333 TAGACGATTACGCTGGACGCCGTCG TCGACGCGTCAGCGTAATCGTCT 4334 TATGCCCTCCTTCATGGAAAGGGTT TAACCCTTTCCATGAAGGAGGGCAT 4335 TATTCTCGGACGGTATGCGCCAGAA TTTCTGGCGCATACCGCTCCGAGAAT 4336 TATAGCGGAGTTTGGGTACGCGAAC TGTTCGCGTACCCAAACTCCGCTAT 4337 TACCTACGCATACCGCTTGGCGAGG TCCTCGCCAAGCGGTATGCGTAGGT 4338 TGATTACCTGAATGGCCAAGCGGG TCCTCGCCAAGCGGTATGCGTAGGT 4339 TCCTGTTAGCATCACGGCGCTTAGG TCCTAAGCGCCGTGATGCTAACAGG 4340 TCGGAATGATGCGCCAACCGT TAGCGTTGCCATTCAGGTAATC 4341 TTGAGAGAGGCGTTAGG TCCTAAGCGCCGTGATCCTACAGG 4341 TTGAGAGAGGCGATTAAGGCAA TTTGCCTTAACCAACGCCTCTCCA 4342 TAAGCAGGCGAAGGGATACTCCTCG TCGAGGAGTATCCCTTCGCCTGCTT 4343 TTCACCAGACGGGCCGAGATTAC TGTAATCTCGGCCGTCTTTCGTGA 4344 TAAGCAATTTGGCCTCGTTTTGTGA TCCACAAAACGAGGCCAAATTGCTT 4345 TGCTGGTTGCGGTAGGATCGCATAT TATATGCGATCCTACCGCAACCAGC 4346 TTTGTGAATCCGTTCTGTCCCCGAC TGCCGGGACAACCAGC 4347 TGGGCTCCTCTGAGGCGAACGATGC TGCCGGTAGAACCAGC 4348 TGGATAGAGTGAATCGACCGCAAC 4349 TGGACCGAACGGGCCGAAATT TATATGCGATCCTCAGAGGAGCCCA 4349 TGGACCGAACGGGCCGAACTAT TAATTACCGTCCCTCAGAGGAGCCCA 4349 TGCACCGAACGTGCACGAGATGC TGCCATCTCGCCTCAGAGGAGCCCA 4350 TGCCAGTATTCTCGGGTGTTGAAC 4351 TTCCCCGAACCGGCCAAC TGTTGCCGGTCGATCACTCTATCC 4352 TTGCACCGAACGTGCACGAGTAAT TAATTACTCGTGCACGTTCGGTGCA 4351 TTCCCCGAACCGGCCAAC TGTTGCCGGTCCTTAGGCGAACCAGC 4352 TTGCCAGTTTCTCGGGGGCCAAC TGTTGCCGGTCTCTTAGGCAA 4353 TCCCAGACCGGACCATAC TAATTACTCCAACCCCGAGAATACTGGC 4351 TTCCCCAACACCCGAGAATACTGGC 4352 TTGCCAGTTCACCGACCCCTTAGGCAACCCGAGAATACTGGCA 4353 TCCCAGTTCACCGACCCCTTAGAGCACCCGAGAATACTGGCA 4354 TATGAACCCTACCGGGCCATAC TACTGACTCGCTCCAACACCCGAGAATACTGGCA 4354 TATGAACCCTACCGGGCCATAC TACTGACTGCCCGGTCTGATGCCA 4355 TCCAGACACACCGGGCCCTTGGACTCGTTCATCCTTATCC 4355 TCCAGACACACCGGGCCATCC TACTGACTGCCCGGTCGACGCGCGTAGACTTCATTCCTTACCCAACCCCGAGAATACCCAACCCGAGAATACCCAA 4354 TATGAAACCCTACCGGGCCCTTTGGTTCGTTCGTCTCGCCTCGTCAATGCCA 4355 TCCAGACACACCGGGCCATCC TACTGGCCCGGTAGGCTTCAT 4355 TCCAGACACACCGGGCCATCCTTCGTCTCGCCTCGTCTCGTCTGCTCGTCTGCTCGCCGTTCATCGCCAACCCCGGAACACCACCCGGAACCACCACCCGGAACCACC	4331	TTGGCAGCAAATGAATCGAAAGCAC	TGTGCTTTCGATTCATTTGCTGCCA
4334 TATGCCCTCCTTCATGGAAAGGGTT 4335 TATTCTCGGAGCGTATGCGCCAGAA 4336 TATAGCGGAGCTATGCGCCAGAA 4337 TACCTACGCATACCGCTTGGCGAGC 4338 TGATTACCTGAATGGCCAAGCCGTTCGCCAAGCCGTATGCGTATGCTTCGCCAAGCCGCTATGCCCAAGCCGCTATGCGCAAGCCGTTCGCGAGAT 4339 TCCTGTTAGCATCACGGCCGCTTAGG 4340 TCGGAATGATGCGCCAGCCCTTAGG 4341 TTGAGAGAGGCGTTAGGTAACCGCTTAGACCCCAACCCCTCTCACCGCAACCCCTCTCACCGCAACCGCTTACCGCTTACCGCAACCGCTTACCGCAACCGCTTACCGCAACCGCTTACCCAACCCCTCTCACACCCCTCTCACACCGCCTTAACCAACC	4332	TAACTGGTGACGCGGTACAGCGAAG	TCTTCGCTGTACCGCGTCACCAGTT
4335 TATTCTCGGAGCGTATGCGCCAGAA 4336 TATAGCGGAGTTTGGGTACGCAGAAC 4337 TACCTACGCATACCGCTTGGCGAGG 4338 TGATTACCTGAATGGCCAAGCGAGC 4339 TCCTGTTAGCATCACGGTAGG 4340 TCGGAATGATGCGCAAGCGT 4341 TTGAGAGAGGGGTTGGTTAAGGCAA 4342 TAAGCAGGCGTTGGTTAAGGCAA 4343 TTCACGACAGAGGATACCCTTCCG 4344 TAAGCAGGCGAACCGT 4345 TCCTGGAAAGGGAACTCCTCG 4346 TTGAGAACAGGGCCTTTTGTGA 4347 TTGGGATTGCGTAGGATTACCAACGACGCTTTTCTGA 4348 TGGATACCTCTTTTGTGA 4349 TTGAGAATCCGTTCTTTTGTCCCCGAC 4341 TTGAGAATCCGTTCTTTTTTCCC 4342 TAAGCAATTTGCCTCGTTTTTTTTCA 4343 TTCACGACAGACGGGCCGAGATTAC 4344 TAAGCAATTTGCCTCGTTTTTTTTCA 4345 TGCTGGTTGCGGTAGGATCCCTCAACAACCACCAGC 4346 TTTGTGAATCCGTTCTGTCCCCGAC 4347 TTGGGCTCCTCTGAGGCGAACTAT 4348 TGGATAGAGTGAATCGACCGGCAAC 4349 TTGCACCGAACCAGC 4349 TTGCACCGAACGTGCACGAACTAT 4350 TGCCAGTATTCTCGGGTGTTGGACG 4351 TTCGCTACCTAAGACCGGCCATAC 4352 TTGGCATTCTCGGGTGTTGGACG 4353 TCGCAGTATTCTCGGGCCATAC 4354 TAAGAACCAGCCGGCAAC 4355 TCGCATTCACCAACACCCGGCACC 4356 TTGCCATCTCAAGACCGGCCATAC 4357 TAATTACTCGTGCACGAAAACCACCAACAACAACAACAACAACAACAACAA	4333	TAGACGATTACGCTGGACGCCGTCG	TCGACGCGTCCAGCGTAATCGTCT
4336 TATAGCGGAGTTTGGGTACGCGAAC 4337 TACCTACGCATACCGCTTGGCGAGG 4338 TGATTACCTGAATGGCCAAGCGAGC 4339 TCCTGTTAGCATCACGGCGTAGG 4340 TCCGGAATGGCCAAGCGT 4341 TTGAGAGAGGGGTTGGGTAAGGCAA 4342 TAAGCAGGGGTTAGGTTAAGGCAA 4342 TAAGCAGGCGAAGCGAGC 4343 TTCACGACAGAGGGATACCCTCG 4344 TAAGCAAGAGGGCCGAGATTACC 4345 TGCTGGTTGGCCAGACGCT 4346 TTGGTGCTGCCCGGAGATTAC 4347 TTGGGGTTGCGGTAGGATTAC 4348 TGGATAGACCGGCCTTGTTTGTGA 4349 TTGGGCTCCTCTGAGGAGATTAC 4349 TTGGCACGAACGGCT 4349 TTGGCACGAACGGCAACGCT 4349 TTGCACCGAACGGGAATTAC 4349 TTGCACCGAACGGGCCAAC 4350 TGCCAGTATTCCGGCCCGTCTTACCCCAACAGCCAGC 4351 TTCGCACCAACAGCGGCCATAC 4352 TTGGCATTCTCGGGTGTTGGACG 4353 TCGCAGTATTCCGGGCCATAC 4354 TAAGCAATTCCGGGCCATAC 4355 TCCAGACAGCAGCAGCAGTAT 4356 TTGCCACCTAAGACCGGGCCATAC 4357 TTGCCACCTAAGACCGGCCATAC 4358 TTGCCAGCTAAGACCGGCCATAC 4359 TTCGCAGCAACAGCCGGCAAC 4350 TTCGCAGCAGAACAGCAGAACAGCAGAACGGATTCACCAACACCCCGAGAATACTGGC 4351 TTCGCAACACCCGGGCCATAC 4352 TTGGCATTGAGACCAGGCCATAC 4353 TCGCGTCCCAGCGCCCTTGGAGTAT 4354 TATAAAGCCTACCGGGCCATAC 4355 TCCAGACAGATGGCCTTGAGAGTAT 4356 TCCAGACAGATGGCCTTTAGAGTACCACCCGAGAACGCCAGCGGAACACCACACCCAGCACACACCCCGAGAATACCCACACACCCCGAGAATACCCAACACCCCGAGAATACCCAACACCCCGAGAATACCCAACACCCCGAGAATACCCAACACCCCGAGAATACCCAACACCCCGAGAATACCCAACACCCCGAGAATACCCAACACCCCGAGAATACCCAACACCCCGAGAATACCCAACACACCCCGAGAATACCCAACACACCCCGAGAATACCCAACACCCCGAGAATACCCAACACCCCGAGAATACCCAACACCCCGAGAATACCCAACACCCCGAGAATACCCAACACCCCGAGAATACCCAACACCCCGAGAATACCCAACACCCCGAGAACACCACCACACACA	4334	TATGCCCTCCTTCATGGAAAGGGTT	TAACCCTTTCCATGAAGGAGGGCAT
TACCTACGCATACCGCTTGGCGAGG TCCTCGCCAAGCGGTATGCGTAGGT TGATTACCTGAATGGCCAAGCGAGC TGCTCGCTTGGCCATTCAGGTAATC TGATTACCTGAATGGCCAAGCGAGC TGCTCGCTTGGCCATTCAGGTAATC TCCTGTTAGCATCACGGCGCTTAGG TCCTAAGCGCCGTGATGCTAACAGG TCCTAAGCGCCGTGATGCTAACAGG TCCTAAGCGCCGTGATGCTAACAGG TCCTAAGCGCCGTGATGCTAACAGG TAGCGTTGTCGAGCGCATCATTCCG TAGCGTTGTCGAGCGCATCATTCCG TTGAGAGAGGCGTTGGTTAAGGCAA TTTGCCTTAACCAACGCCTCTCTCA TAAGCAGGCGAAGGGATACTCCTCG TCGAGGAGTATCCCTTCGCCTGCTT TAAGCAGACGACGGGCCGAGATTAC TGAATCTCGGCCCGTCTGTCGTGA TTCACCAAAACGAGGCCAAATTGCTT TATATGCGATCCTACCGCAACCAGC TTTGTGAATCCGTTCTGTCCCCGAC TGTCGGGGACAGAACCGGATTCACAA TTTGGGCTCCTCTGAGGCGAGATGGC TGCCATCTCGCCTCAGAGGAGCCCA TTTGCACCGAACGTGCACACCAGC TGTTGCCGGTCGATTCACTCTACCC TGTTGCCGGTCGATTCACTCTATCC TAATTACTCCTTCGCCTCAGAGGAGCCCA TGTTGCCGTCCAACACCCGAGAATACT TCGCACCGAACGTGCACGAGTAATT TAATTACTCCTGCCCGACGTTCGGTGCA TTCGCCAACACCCCGAGAATACTGGC TTCGCCAACACCCCGAGAATACTGGC TTCGCTACCTAAGACCGGGCCATAC TGTATGGCCCGGTCTTAGGTAGCGA TTCGCTACCTAAGACCGGGCCATAC TGTATGGCCCGGTCTTAGGTAGCGA TTCGCTACCTAAGACCGGGCCATAC TGTATGGCCCGGTCTTAGGTAGCCA TTCGCTACCTAAGACCGGGCCATAC TTAATCTCCAACACCCGAGAATACTGGC TTCGCTACCTAAGACCGGGCCATAC TTAATCTCCAACGCCCGGTCTTAGGTAGCCA TTCGCTCCAACACCCGAGAATACTGGC TTCACCTAAGACCGGGCCATAC TTAATCTCCAACGCCGGCCCTTAGGTAGCCA TACTGACTGCTCCTCAACACCCGACCCG	4335	TATTCTCGGAGCGTATGCGCCAGAA	TTTCTGGCGCATACGCTCCGAGAAT
4338 TGATTACCTGAATGGCCAAGCGAGC TGCTCGCTTGGCCATTCAGGTAATC 4339 TCCTGTTAGCATCACGGCGCTTAGG TCCTAAGCGCCGTGATGCTAACAGG 4340 TCGGAATGATGCGCTCGACAACGCT TAGCGTTGTCGAGCGCATCATTCCG 4341 TTGAGAGAGGCGTTGGTTAAGGCAA TTTGCCTTAACCAACGCCTCTCTCA 4342 TAAGCAGGCGAAGGGATACTCCTCG TCGAGGAGTATCCCTTCGCCTGCTT 4343 TTCACGACAGACGGGCCGAGATTAC TGTAATCTCGGCCCGTCTGTCGTGA 4344 TAAGCAATTTGGCCTCGTTTTGTGA TTCACAAAACGAGGCCAAATTGCTT 4345 TGCTGGTTGCGGTAGGATCGCATAT TATATGCGATCCTACCGCAACCAGC 4346 TTTGTGAATCCGTTCTGTCCCCGAC TGTCGGGGAACCAGC 4347 TTGGGCTCCTCTGAGGCGAGATGGC TGCCATCTCGCCTCAGAGGAGCCCA 4348 TGGATAGAGTGAATCGACCGGCAAC TGTTGCCGTCGATTCACTATCC 4349 TTGCACCGAACGTGCACGAGTAATT TAATTACTCGTGCACGTTCGTGCA 4350 TGCCAGTATTCTCGGGTGTTGGACG TCGTCCAACACCCGAGAATACTGGC 4351 TTCGCTACCTAAGACCGGCCATAC TGTATGCCCGGTCTTAGGTAGCA 4352 TTGGCATTGACGAGCAGTCAGT TACTGACTGCTCGTCAATGCCA 4353 TCGCGTCCCAGCGCCCTTTGGAGTAT TACTGACTGCTCGTCCAATGCCA 4354 TATGAAGCCTACCGGCGCACTTCGT TACTGACTGCTCGTCCAATGCCA 4355 TCGCGTCCCAGCGCCCTTTGGAGTAT TATACTCCAAGGGCGCTGGAACGCG 4354 TATGAAGCCTACCGGGCGACTTCGT TACGAAGTCGCCCGGTAGGCTTCAT 4355 TCCAGACAGATGGCCTGGAACCATG TCATGGTTCCAGGCCATCTGTCGT	4336	TATAGCGGAGTTTGGGTACGCGAAC	TGTTCGCGTACCCAAACTCCGCTAT
TCCTGTTAGCATCACGGCGCTTAGG TCCTAAGCGCCGTGATGCTAACAGG TCGGAATGATGCGCTCGACAACGCT TAGCGTTGTCGAGCGCATCATTCCG TTGGAGAGGGCGTTGGTTAAGGCAA TTTGCCTTAACCAACGCCTCTCTCA TAGCAGGCGAAGGGATACTCCTCG TCGAGGAGTATCCCTTCGCCTGCTT TAGCACACGCCGTCTTCTCA TCCAGACAGACGGGCCGAGATTAC TCACAAAACGAGGCCAAATTGCTT TCACAAAACGAGGCCAAATTGCTT TGCTGGTTGCGGTAGGATCGCATAT TATATGCGATCCTACCGCAACCAGC TTTGTGAATCCGTCTCTGTCCCCGAC TGTCGGGGACAGAACGGATTCACAA TTGGGCTCCTCTGAGGCGAGATTGC TGCCATCTCGCCTCAGAGGAGCCCA TTTGCACCCGAACGTGCACCAGC TGTTGCCGTTCGTCCCCGAC TGTTGCCGTTCGTCCCCGAC TGTTGCCGTTCGTCCCCGAC TGTTGCCGTTCGTCCCCGAC TGTTGCCGTCGATTCACTCTCCC TGAGGCAACGTGCACCACCAGC TGTTGCCGTCGATTCACTCTCCCCAACACCCCGAGAATACTCCCAACACCCCGAACACACCACCACCACCACCACCACCAC	4337	TACCTACGCATACCGCTTGGCGAGG	TCCTCGCCAAGCGGTATGCGTAGGT
TCGGAATGATGCGCTCGACAACGCT TAGCGTTGTCGAGCGCATCATTCCG 4341 TTGAGAGAGGCGTTGGTTAAGGCAA TTTGAGAGAGGCGTTGGTTAAGGCAA TTTGAGAGAGGCGAAGGGATACTCCTCG TCGAGGAGTATCCCTTCGCCTGCTT 4342 TAAGCAGACGGGCCGAGATTAC TTCACGACAGACGGGCCGAGATTAC TTCACGACAGACGGGCCGAGATTAC TGTAATCTCGGCCCGTCTGTCGTGA TAGCAATTTGGCCTCGTTTTGTGA TTCACAAAACGAGGCCAAATTGCTT TATATGCGATCCTACCGCAACCAGC TTTGTGAATCCGTTCTGTCCCCGAC TGTCGGGGACAGAACGGATTCACAA TTGGGCTCCTCTGAGGCGAGATGGC TGCCATCTCGCCTCAGAGGAGCCCA TTTGCACCGAACGTGCACCAC TGTTGCCGGTCGATTCACTCTATCC TTGCACCGAACGTGCACGAGTAATT TAATTACTCGTGCACGTTCGGTGCA TGCCAGTATTCTCGGGTGTTGGACG TGCCAGCACCCCGAGAATACTGGC TTCCCAACACCCCGAGAATACTGGC TTCCCTACCCAACACCCGGCAAC TTTGCCTACCTAAGACCGGCCATAC TTGATGCCCCGGTCTTAGGTAGCGA TTCCCTACCTAAGACCGGGCCATAC TTGATGCCCCGGTCTTAGGTAGCGA TTCCCTACCTAAGACCGGGCCATAC TTAATTACTCCTGCTCCAATGCCA TTCCCTACCTAAGACCGGGCCATAC TTCTGACTGCTCCTCTCAATGCCA TTCCGCTCCCAGCGCCCTTTGGAGTAT TAATTACTCCAAGGGCGCTTCAATGCCA TTCCGCTCCCAGCGCCCTTTGGAGTAT TACTCCAAGGGCGCCTTGGGACCGG TCCCAGACAGCCCGGGCCGTCAT TACTGACTGCTCCTCAATGCCA TCCCAGCACACCCGGGCCCTTCGT TACGAAGTCGCCCGGTAGGCTTCAT TCCAGACAGACGGCCCTTGGAACCATG TCCAGACAGACGCCCTTGGAACCATG TCCAGACAGACGCCCTTGTCTGG	4338	TGATTACCTGAATGGCCAAGCGAGC	TGCTCGCTTGGCCATTCAGGTAATC
TTGAGAGAGGCGTTGGTTAAGGCAA TTTGCCTTAACCAACGCCTCTCA TAAGCAGGCGAAGGGATACTCCTCG TCGAGGAGTATCCCTTCGCCTGCTT TTCACGACAGACGGGCCGAGATTAC TTCACGACAGACGGGCCGAGATTAC TTCACGACAGACGGGCCGAGATTAC TTCACGACAGACGGGCCGAGATTAC TTCACGACAGACGGGCCGAGATTAC TTCACAAAACGAGGCCAAATTGCTT TAATTGCGATCCTACCGCAACCAGC TTGTGGGTTGCGGTAGGATCGCATAT TATATGCGATCCTACCGCAACCAGC TTGTGGGGACAGAACGGATTCACAA TTGGGCTCCTCTGAGGCGAGATGGC TGCCATCTCGCCTCAGAGGAGCCCA TGTTGCCGGTCGATTCACTCTATCC TTGCACCGAACGTGCACGGCAAC TGTTGCCGGTCGATTCACTCTATCC TTGCACCGAACGTGCACGAGTAATT TAATTACTCGTGCACGTTCGGTGCA TTCGCAGCTACTCTCGCTTAGGTAGCG TTCGCTACCTAAGACCGGGCCATAC TGTATGGCCCGGTCTTAGGTAGCGA TTCGCATTGACGAGCAGCAGTCAGT TACTGACTGCTCCTCAATGCCA TTGCCATTGACGAGCAGCAGTCAGT TACTGACTGCTCGTCAATGCCA TTATGAAGCCTACCGGGCGACTTCGT TACGAAGTCGCCCGGTAGGCTTCAT TATCTCCAAGGGCGCTTGGACCGG TTATGAAGCCTACCGGGCGACTTCGT TACGAAGTCGCCCGGTAGGCTTCAT TACGAAGTCGCCCGGTAGGCTTCAT TCCAGACAGATGGCCTTCGT TACGAAGTCGCCCGGTAGGCTTCAT TCCAGACAGATGGCCTTCGT TACGAAGTCGCCCGGTAGGCTTCAT TCCAGACAGATGGCCTTCGT TACGAAGTCGCCCGGTAGGCTTCAT TCCAGACAGATGGCCTTCGT TCATGGTTCCAGGCCCATCTTCTTCGG TCATGGTTCCAGGCCCATCTTCTTCGG TCATGGTTCCAGGCCCATCTTCTTCTGG TCATGGTTCCAGGCCCATCTTCTTCTCGG TCATGGTTCCAGGCCCATCTTCTTCTGG TCATGGTTCCAGGCCCATCTTCTTCTGG TCATGGTTCCAGGCCCATCTTCTTCTGG TCATGGTTCCAGGCCCATCTTCTTCTGG TCATGGTTCCAGGCCCATCTTCTTCTGG TCATGGTTCCAGGCCCATCTTCTTCTGG TCATGGTTCCAGCCCATCTTCTTCTGG TCATGGTTCCAGGCCCATCTTCTTCTGG TCATGGTTCCAGGCCCATCTTCTTCTGG TCATGGTTCCAGCCCATCTTCTTCTGG TCATGTTCCAGCCCTTTCTTCTTCTTCTTCTTCTTCTTTCT	4339	TCCTGTTAGCATCACGGCGCTTAGG	TCCTAAGCGCCGTGATGCTAACAGG
TAAGCAGGCGAAGGGATACTCCTCG TCGAGGAGTATCCCTTCGCCTGCTT TA4343 TTCACGACAGACGGGCCGAGATTAC TGTAATCTCGGCCCGTCTGTCGTGA TAAGCAATTTGGCCTCGTTTTGTGA TTCACAAAACGAGGCCAAATTGCTT TATATGCGATCCTACCGCAACCAGC TGTCGGGGACAGACCAGC TGTCGGGGACAGACCAGC TGTCGGGGACAGACCAGC TGTCGGGGACAGACCGGATTCACAA TTGGGCTCCTCTGAGGCGAGATGGC TGCCATCTCGCCTCAGAGGAGCCCA TGTTGCCGGTCGATTCACTCTATCC TGCATCTCGCTCAGAGGAGCCCA TGTTGCCGGTCGATTCACTCTATCC TGCCACCCGAACGTGCACGAGTAATT TAATTACTCGTGCACGTTCGGTGCA TGCCAGTATTCTCGGGTGTTGGACG TCGTCCAACACCCGAGAATACTGGC TTCGCTACCTAAGACCGGCCATAC TGTATGGCCCGGTCTTAGGTAGCGA TTGGCATTGACGAGCAGCAGTCAGT TACTGACTGCTCGTCAATGCCA TTATACTCCAAGGCCGCCTTCGATGCCA TTATACTCCAAGGCCGCCCTTAGGTAGCCA TTATACTCCAAGGCCGCCCTTCGAGTATT TAATTACTCCAAGGCCGCCCTTCGAGCCCCGGTAGGCTTCATTACTCCAAGGCCCCCGGTAGGCTTCATTACCCAAGACCCCGGTAGGCTTCATTACCCAAGACCCCGGTAGGCTTCATTACCCAAGACCCCGGTAGGCTTCATTACCCAAGACCCCGGTAGGCTTCATTACCCAAGACCCCGGTAGGCTTCATTACCCAAGACCCCGGTAGGCTTCATTACCCAAGACCCCGGTAGGCTTCATTACCCAAGACCCCGGTAGGCTTCATTACCCAAGACCCCGGTAGGCTTCATTACCCAAGACCCCGGTAGGCTTCATTACCCAAGACCCCGGTAGGCTTCATTACCCAAGACCCCGGTAGGCTTCATTACCCAAGACCCCGGTAGGCTTCATTACCCAAGACCCCGGTAGGCTTCATTACCCAAGACCCCGGTAGGCTTCATTACCCAAGACCCCGGTAGGCTTCATTACCCAAGACCAACCCCGGTAGGCTTCATTACCCAAGACCCCCGGTAGGCTTCATTACCCAAGACCCCGGTAGGCTTCATTACCCAAGACCACCCGGTAGGCTTCATTACCAAGACCAACCCCGGTAGGCTTCATTACCCAAGACCACCCGGTAGGCTTCATTACCAAGACCACCCGGTAGGCTTCATTACCCAAGACCACCCGGTAGGCTTCATTACCAAGACCACCCGGTAGGCTTCATTACCAAGACCACCCGGTAGGCTTCATTACCAAGACCACCCGGTAGGCTTCATTACCAAGACCACCCGGTAGGCTTCATTACCAAGACCACCCGGTAGGCTTCATTACCAAGACCACCCGGTAGGCTTCATTACCAAGACCACCACCACCCGGTAGGCTTCATTACCAAGACCACCACCACCCGGACACCACCACCCAACCACC	4340	TCGGAATGATGCGCTCGACAACGCT	TAGCGTTGTCGAGCGCATCATTCCG
TICACGACAGACGGCCGAGATTAC 4344 TAAGCAATTTGGCCTCGTTTTGTGA 4345 TGCTGGTTGCGGTAGGATCGCATAT 4346 TTTGTGAATCCGTTCGCCCGAC 4346 TTTGTGAATCCGTTCTGCCCGAC 4347 TTGGGCTCCTCTGAGGCGAGATGGC 4348 TGGATAGAGTGAATCGACCGGCAAC 4349 TTGCACCGAACGTGCACC 4349 TTGCACCGAACGTGCACCACC 4350 TGCCAGTATTCTCGGGTGTTGGACG 4351 TTCGCTACCTAAGACCGGCCATAC 4352 TTGGCATTGACGAGCAGCCATAC 4353 TCGCGTCCCAGCGCCCTTGGAGTAT TAATTACTCGTGCCGGTCTTAGGTAGCA 4354 TATGAAGCCTACCGGCCATAC 4355 TCCAGACAGCGGCCACCTTCGT TACGAAGTCGCCCGGTAGGCTTCAT TACTCCAAGACCCGGACCGCCCTTAGATATCCACCCGAGAATACCCACCC	4341	TTGAGAGAGGCGTTGGTTAAGGCAA	TTTGCCTTAACCAACGCCTCTCTCA
4344 TAAGCAATTTGGCCTCGTTTTGTGA TTCACAAAACGAGGCCAAATTGCTT 4345 TGCTGGTTGCGGTAGGATCGCATAT TATATGCGATCCTACCGCAACCAGC 4346 TTTGTGAATCCGTTCTGTCCCCGAC TGTCGGGGACAGAACGGATTCACAA 4347 TTGGGCTCCTCTGAGGCGAGATGGC TGCCATCTCGCCTCAGAGGAGCCCA 4348 TGGATAGAGTGAATCGACCGGCAAC TGTTGCCGGTCGATTCACTCTATCC 4349 TTGCACCGAACGTGCACGAGTAATT TAATTACTCGTGCACGTTCGGTGCA 4350 TGCCAGTATTCTCGGGTGTTGGACG TCGTCCAACACCCGAGAATACTGGC 4351 TTCGCTACCTAAGACCGGGCCATAC TGTATGGCCCGGTCTTAGGTAGCGA 4352 TTGGCATTGACGAGCAGCAGTCAGT TACTGACTGCTCGTCAATGCCA 4353 TCGCGTCCCAGCGCCCTTGGAGTAT TATACTCCAAGGGCGCTTCGTCAT 4355 TCCAGACAGATGGCCTGGAACCATG TACTGAAGTCGCCCGGTAGGCTTCAT 4355 TCCAGACAGATGGCCTGGAACCATG TCATGGTTCCAGGCCCATCTGTCTGG	4342	TAAGCAGGCGAAGGGATACTCCTCG	TCGAGGAGTATCCCTTCGCCTGCTT
TGCTGGTTGCGGTAGGATCGCATAT TATATGCGATCCTACCGCAACCAGC TTTGTGAATCCGTTCTGTCCCCGAC TGTCGGGGACAGAACGGATTCACAA TTGGGCTCCTCTGAGGCGAGATGGC TGCCATCTCGCCTCAGAGGAGCCCA TGGATAGAGTGAATCGACCGGCAAC TGTTGCCGGTCGATTCACTCTATCC TTGCACCGAACGTGCACGAGTAATT TAATTACTCGTGCACGTTCGGTGCA TGCCAGTATTCTCGGGTGTTGGACG TCGTCCAACACCCGAGAATACTGGC TTCGCTACCTAAGACCGGGCCATAC TGTATGGCCCGGTCTTAGGTAGCGA TTGGCATTGACGAGCAGCAGTCAGT TACTGACTGCTCGTCAATGCCA TTGGCATTGACGAGCAGCAGTCAGT TACTGACTGCTCGTCAATGCCA TGCGTCCCAGCGCCCTTGGAGTAT TATACTCCAAGGGCGCTGGGACGCG TATGAAGCCTACCGGGCGACTTCGT TACGAAGTCGCCCGGTAGGCTTCAT TCCAGACAGATGGCCTGGAACCATG TCATGGTTCCAGGCCATCTGTCTGG	4343	TTCACGACAGACGGGCCGAGATTAC	TGTAATCTCGGCCCGTCTGTCGTGA
4346 TTTGTGAATCCGTTCTGTCCCCGAC TGTCGGGGACAGAACGGATTCACAA 4347 TTGGGCTCCTCTGAGGCGAGATGGC TGCCATCTCGCCTCAGAGGAGCCCA 4348 TGGATAGAGTGAATCGACCGGCAAC TGTTGCCGGTCGATTCACTCTATCC 4349 TTGCACCGAACGTGCACGAGTAATT TAATTACTCGTGCACGTTCGGTGCA 4350 TGCCAGTATTCTCGGGTGTTGGACG TCGTCCAACACCCGAGAATACTGGC 4351 TTCGCTACCTAAGACCGGGCCATAC TGTATGGCCCGGTCTTAGGTAGCGA 4352 TTGGCATTGACGAGCAGCAGTCAGT TACTGACTGCTCGTCAATGCCA 4353 TCGCGTCCCAGCGCCCTTGGAGTAT TATACTCCAAGGGCGCTGGGACGCG 4354 TATGAAGCCTACCGGGCGACTTCGT TACGAAGTCGCCCGGTAGGCTTCAT 4355 TCCAGACAGATGGCCTGGAACCATG TCATGGTTCCAGGCCATCTGTCTGG	4344	TAAGCAATTTGGCCTCGTTTTGTGA	TTCACAAAACGAGGCCAAATTGCTT
4347 TTGGGCTCCTCTGAGGCGAGATGGC TGCCATCTGCCTCAGAGGAGCCCA 4348 TGGATAGAGTGAATCGACCGGCAAC TGTTGCCGGTCGATTCACTCTATCC 4349 TTGCACCGAACGTGCACGAGTAATT TAATTACTCGTGCACGTTCGGTGCA 4350 TGCCAGTATTCTCGGGTGTTGGACG TCGTCCAACACCCGAGAATACTGGC 4351 TTCGCTACCTAAGACCGGGCCATAC TGTATGGCCCGGTCTTAGGTAGCGA 4352 TTGGCATTGACGAGCAGCAGTCAGT TACTGACTGCTCGTCAATGCCA 4353 TCGCGTCCCAGCGCCCTTGGAGTAT TATACTCCAAGGGCGCTGGGACGCG 4354 TATGAAGCCTACCGGGCGACTTCGT TACGAAGTCGCCCGGTAGGCTTCAT 4355 TCCAGACAGATGGCCTGGAACCATG TCATGGTTCCAGGCCATCTGTCTGG	4345	TGCTGGTTGCGGTAGGATCGCATAT	TATATGCGATCCTACCGCAACCAGC
4348 TGGATAGAGTGAATCGACCGGCAAC TGTTGCCGGTCGATTCACTCTATCC 4349 TTGCACCGAACGTGCACGAGTAATT TAATTACTCGTGCACGTTCGGTGCA 4350 TGCCAGTATTCTCGGGTGTTGGACG TCGTCCAACACCCGAGAATACTGGC 4351 TTCGCTACCTAAGACCGGGCCATAC TGTATGGCCCGGTCTTAGGTAGCGA 4352 TTGGCATTGACGAGCAGCAGTCAGT TACTGACTGCTCGTCAATGCCA 4353 TCGCGTCCCAGCGCCCTTGGAGTAT TATACTCCAAGGGCGCTGGGACGCG 4354 TATGAAGCCTACCGGGCGACTTCGT TACGAAGTCGCCCGGTAGGCTTCAT 4355 TCCAGACAGATGGCCTGGAACCATG TCATGGTTCCAGGCCATCTGTCTGG	4346	TTTGTGAATCCGTTCTGTCCCCGAC	TGTCGGGGACAGAACGGATTCACAA
4349 TTGCACCGAACGTGCACGAGTAATT TAATTACTCGTGCACGTTCGGTGCA 4350 TGCCAGTATTCTCGGGTGTTGGACG TCGTCCAACACCCGAGAATACTGGC 4351 TTCGCTACCTAAGACCGGGCCATAC TGTATGGCCCGGTCTTAGGTAGCGA 4352 TTGGCATTGACGAGCAGCAGTCAGT TACTGACTGCTCGTCAATGCCA 4353 TCGCGTCCCAGCGCCCTTGGAGTAT TATACTCCAAGGGCGCTGGGACGCG 4354 TATGAAGCCTACCGGGCGACTTCGT TACGAAGTCGCCCGGTAGGCTTCAT 4355 TCCAGACAGATGGCCTGGAACCATG TCATGGTTCCAGGCCATCTGTCTGG		TTGGGCTCCTCTGAGGCGAGATGGC	TGCCATCTCGCCTCAGAGGAGCCCA
4350 TGCCAGTATTCTCGGGTGTTGGACG TCGTCCAACACCCGAGAATACTGGC 4351 TTCGCTACCTAAGACCGGGCCATAC TGTATGGCCCGGTCTTAGGTAGCGA 4352 TTGGCATTGACGAGCAGCAGTCAGT TACTGACTGCTCGTCAATGCCA 4353 TCGCGTCCCAGCGCCCTTGGAGTAT TATACTCCAAGGGCGCTGGGACGCG 4354 TATGAAGCCTACCGGGCGACTTCGT TACGAAGTCGCCCGGTAGGCTTCAT 4355 TCCAGACAGATGGCCTGGAACCATG TCATGGTTCCAGGCCATCTGTCTGG	4348	TGGATAGAGTGAATCGACCGGCAAC	TGTTGCCGGTCGATTCACTCTATCC
4351 TTCGCTACCTAAGACCGGGCCATAC TGTATGGCCCGGTCTTAGGTAGCGA 4352 TTGGCATTGACGAGCAGCAGTCAGT TACTGACTGCTCGTCAATGCCA 4353 TCGCGTCCCAGCGCCCTTGGAGTAT TATACTCCAAGGGCGCTGGGACGCG 4354 TATGAAGCCTACCGGGCGACTTCGT TACGAAGTCGCCCGGTAGGCTTCAT 4355 TCCAGACAGATGGCCTGGAACCATG TCATGGTTCCAGGCCATCTGTCTGG	4349	TTGCACCGAACGTGCACGAGTAATT	TAATTACTCGTGCACGTTCGGTGCA
4352 TTGGCATTGACGAGCAGCAGTCAGT TACTGACTGCTCGTCAATGCCA 4353 TCGCGTCCCAGCGCCCTTGGAGTAT TATACTCCAAGGGCGCTGGGACGCG 4354 TATGAAGCCTACCGGGCGACTTCGT TACGAAGTCGCCCGGTAGGCTTCAT 4355 TCCAGACAGATGGCCTGGAACCATG TCATGGTTCCAGGCCATCTGTCTGG	4350	TGCCAGTATTCTCGGGTGTTGGACG	TCGTCCAACACCCGAGAATACTGGC
4353 TCGCGTCCCAGCGCCCTTGGAGTAT TATACTCCAAGGGCGCTGGGACGCG 4354 TATGAAGCCTACCGGGCGACTTCGT TACGAAGTCGCCCGGTAGGCTTCAT 4355 TCCAGACAGATGGCCTGGAACCATG TCATGGTTCCAGGCCATCTGTCTGG	4351	TTCGCTACCTAAGACCGGGCCATAC	TGTATGGCCCGGTCTTAGGTAGCGA
4354 TATGAAGCCTACCGGGCGACTTCGT TACGAAGTCGCCCGGTAGGCTTCAT 4355 TCCAGACAGATGGCCTGGAACCATG TCATGGTTCCAGGCCATCTGTCTGG	4352	TTGGCATTGACGAGCAGCAGTCAGT	TACTGACTGCTGCTCGTCAATGCCA
4355 TCCAGACAGATGGCCTGGAACCATG TCATGGTTCCAGGCCATCTGTCTGG	4353	TCGCGTCCCAGCGCCCTTGGAGTAT	TATACTCCAAGGGCGCTGGGACGCG
to a second seco	4354	TATGAAGCCTACCGGGCGACTTCGT	TACGAAGTCGCCCGGTAGGCTTCAT
4356 TTGGCGTGGGACCATCTCAAAGCTA TTAGCTTTGAGATGGTCCCACGCCA	4355	TCCAGACAGATGGCCTGGAACCATG	TCATGGTTCCAGGCCATCTGTCTGG
	4356	TTGGCGTGGGACCATCTCAAAGCTA	TTAGCTTTGAGATGGTCCCACGCCA

4357 TCCGCATGGGAACACGTGTCAAGGT 4358 TGCCCACTCGTCAGCTGGACGTAAT TATTACGTCCAGCTGACGAGTGGGC 4359 TATTACGGTCGTGATCAGAAAGCG 4350 TTGCGAGGTGAGCACCTACGAAGAG 4360 TTGCGAGGTGAGCACCTACGAAGAG 4361 TGGGCCGCATTCTTGATGTCCATTC 4362 TCCTCGGATGTGGGCTCACCCTAG 4363 TTAGGCAGTGTGGCCTAG 4364 TCGATACGAACGAGAGA 4365 TTAGGCATGTTGGCGCTAG 4366 TCATACGAACGAGGATTGTCCCCTAG 4366 TTAGCCCACTACGAAGAGA 4366 TCATACGAACGAGGATTGTCCCCTAG 4367 TACCCCGCGTTAGCACGCCTA 4368 TCATACGACGAGGATGTCCCCCTAG 4368 TCATACGATGTCCGCCTA 4369 TATCCGCAGTTAGCACGGTCCCCT 4369 TATCCGACTTACGACCGGTCCGCTA 4360 TCATACGATGTCCGCCTA 4361 TACCCCAGTTAGCACCGGTCCCTA 4362 TCATACGATGTCCGCCTA 4363 TTACCCACCGTTAGCACCGGTCCCCTA 4364 TCATACGATGTCCGCCTA 4365 TTACCGCAGTTAGCACCGGTCCCTA 4366 TCATACGATGTCCGCCGCTA 4367 TATCCGCAGTTTATGGCCCCGTTA 4368 TCATACGATGTCCGCCGCTTATACACCGCCCTACAACTGCCGAT 4369 TATTGGACTGTTTTTGGCCCCGTTAT 4360 TCATACCAGTGTTTTTGGTCAATCCCC 4369 TATTGGACTGTTTTTTGGTGAATCCCC 4369 TATTGGACTGTTTTTGGTGAATCCCC 4369 TATTGGACTCTTTTTGGTGAATCCCC 4371 TGCCCTCAAGCTTAAGGTTTTGGCC 4371 TGCCCGCAAACCTTAAGCTTCACCAAAACCACTCCAAT 4372 TACCTGCTTTTTGGGTGGTGATATG 4373 TAATCGTGGGCCGACAAACGATATA 4374 TGTCGCCGCAGCAAACGATATA 4374 TGTCGCCGCAGCAAACGATATA 4375 TACCCGTCGAGCATCCACCAAAACCATTAAGCTTGCCCCACCACAAACCATT 4376 TACCCGTCGAGCTTCCTCCCTCAGA 4376 TACCCGTCGATGCACCAAACCATAAGCA 4377 TTCCCGCTGAGCTTCCTCCCTCAGA 4378 TGCAAAAGTCCCACTGGCAAGCCGAT 4379 TCGACCTCGGCTGACCAGCCGAT 4379 TCGACCTCGGCTACACGCCGAT 4379 TCGACCTCGGCTACAACGCAT 4380 TCCACTAGGCCCACCAGGAGCCGAA 4381 TCAAAGCCTCTACTCTACCACACA 4381 TCAACAGTCCACTGGCAAGCCGAT 4382 TTCCACCACCAAACGCAT 4383 TCCACTTTGCATCCACCACAACCAT 4384 TCCCACTCGGCCACCACGAACCGAACCGAACCGGAACCGAACCGGAACCGAACCGAACCGGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACCGAACGAACGAACGAACGAACGAACGAACGAACGAACGAA	Г <u>-</u>	T	T
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TAGGCATGTTGGCGTGAGCGCTAT TATAGCGCTCACGCCAACATGCCTA 4364 TCGATACGAACGAGGATGTCCGCCT 4365 TTACGCCGGTTAGCACGGTGCGCTA 4366 TCATACGAACGAGGATGTCCGCCT 4366 TCATACGATGTCCGGGCCGTGTCGC 4366 TCATACGATGTCCGGGCCGTGTCGC 4367 TATCCGCAGTTGTATGGCGCGTTAT 4368 TGGGTAAGGACAAGATGGGATGG 4368 TGGGTAAGGACAAGATGGGATGG 4369 TATTGGAGTGTTTTGGTGAATCCGC 4370 TGAACCGAGCCAACGATTTGGTGAATCCGC 4371 TGCCGTCAAGCTTAAGGTTTTGGGC 4371 TGCCGTCAAGCTTAAGGTTTTGGC 4372 TACCTGCTTTTGGGTGGATACG 4373 TAATCGTGGGGGCGAACAGTTTGGCC 4374 TGTCGCCGAAGCTAAGACTTAAGCTTGACGGC 4375 TACCCGCTGAAGCTAAGGATTA 4376 TATCCGGGATTCCTCCTCAGA 4377 TTTCCGCATGCTTCCTCCTCAGA 4378 TGCAAAGCCAACGATTGAAAC 4377 TTTCCGCATGAGTACAACATTTAAAC 4378 TGCAAAGTCCACCTCAACAACATTTCCCCCGGAT 4379 TCGACCTCGGCTTCATCGTAAAA 4379 TCGACCTCGGCTTCATCACAT 4380 TCTCATGAGCGAGTTGAACACT 4381 TCAAAGGCCACCACCACAGAGAT 4382 TTCAAAGGCCTTCACCACCGATTAACACATTACGCCCCCCGAACACCTCACCCGAACACCTTTCACCTCCACCACACACA	4361	TGGGCCGCATTCTTGATGTCCATTC	TGAATGGACATCAAGAATGCGGCCC
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4365 TTACGCGGTTAGCACGGTGCGCTA 4366 TCATACGATGTCCGGGCCGTGTCGC TGCGACACGGCCCGGACATCGATTG 4367 TATCCGCAGTTGTATGGCGCGTTAT TATAACGCGCCATACAACTGCGGAT 4368 TGGGTAAGGGACAAAGATGGGATGG TCCATCCCATCTTTGTCCCTTACCC 4369 TATTGGAGTGTTTTGGTGAATCCGC TGCGGATTACACACTCCAAT 4370 TGAACCGAGCCAACGTATGGACACG TCGTGTCCATACGTTGGCTCGGTTC 4371 TGCCGTCAAGCTTTAGGTTGTTGGCC TGCCCAAAACCATCAAGCGGC 4372 TACCTGCTTTTGGTGGATATG TCCATACACCCACCAAAACCATCAGT 4373 TAATCGTGGGCGAAACGTATAG TCATACACCCCACCAAAAGCAGGT 4374 TGTCGCCGGATTCCTCAGAATAAGC TCCTTAACCTTGACGGC 4375 TACCCGTCGATGCTTCCTCCAGA TCTGAGGAGAACCATCCAGCGAA 4376 TATCCGGGTGGGCGATACAAGAGAT TATCTCTTGTATCGCCCACCCGGAT 4377 TTCCGCATGAGTCAAGAAGAAT TATCTCTTGTATCGCCCACCCGGAT 4378 TGCAAAGTCCCACTGGCAAGCCGAT TATCGGCTTGACCATCAGCGTCGAA 4379 TCGACCTCGGCTTCATCGTACACAT TATGTGTACGACCACCCGGACTTGC 4380 TCTCATGAGCGCAGTTGTGCGTGAG TCTCACGGCACACACTGCGCTCATGAG 4381 TCAGATGAAGGATCCACGGCCGGAG TCCACCGGAGT TCCACGCACACACTGCGCTCATGAG 4382 TTCAAAGGCTCTTGGATACACCGT TACGGCTGGAACCTTTCATCTG 4383 TCCGTTTGCGTCACCACGGCCGAG TCCCACCGGAACCTTCATCTGAG 4384 TCCGTTTGCGTCACCACGGCCGAG TCCCACCACACACTGCGCTCATCAGA 4385 TTCCACTAGGTCGTCCTTCCACACAT TTATGGACAAGACCCTACACGGAA 4386 TCTCATGCGGCCGCGATACCAACCGT TCCACGCACAACTGCGCTCATCACGACACTTTGAAA 4387 TGCCTTTTCCGTGCTCCACTCAAA TTTGAACCACGCACCACAACGGAACGG	4363	TTAGGCATGTTGGCGTGAGCGCTAT	TATAGCGCTCACGCCAACATGCCTA
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4369 TATTGGAGTGTTTTGGTGAATCCGC TGCGGATTCACCAAAACACTCCAAT 4370 TGAACCGAGCCAACGTATGGACACG TCGTGTCCATACGTTGGCTCGGTTC 4371 TGCCGTCAAGCTTAAGGTTTTGGGC TGCCCAAAACCTTAAGCTTGACGGC 4372 TACCTGCTTTTGGGTGGTGATATG TCATATCACCCACCCAAAAGCAGGT 4373 TAATCGTGGGCGCAGCAAACGTATA TTATACGTTTGCTGCGCCCACGATT 4374 TGTCGCCGGATTGCTCAGTATAAGC TGCTTATACTGAGCAATCCGGCGAC 4375 TACCCGTCGATGCTTCCTCCTCAGA TTCTGAGGAGGAAGCATCGACGGGT 4376 TATCCGGGTGGGCGATACAAGAGAT TATCTCTTGTATCGCCCACCCGGAT 4377 TTTCCGCATGAGTCAGCTTTGAAAA TTTTCAAAGCTGACTCATGCGGAA 4378 TGCAAAGTCCCACTGGCAAGCCGAT TATCGGCTTGCCAGTGGGACTTTGC 4379 TCGACCTCGGCTTCATCGTACACAT TATGTGTACGATGAGAGCCTGAGG 4380 TCTCATGAGCGCAGTTGTGCGTGAG TCTCACGCACAACTGCGCTCATGAG 4381 TCAGATGAAGGATCCACGGCCGGAG TCTCACGCACAACTGCGCTCATGAG 4382 TTCAAAGGCTCTTGGATACAGCCGT TACGGCTGAATCTCATCTG 4383 TCCGCTAATTTCCAATCAGGGCTC TGAGCCCTGATTGGAAATTAGCGGA 4384 TCCGTTTGCGGTCGTCCAA TTTGAGCCAAAGGACCTTTGA 4385 TTTCGCTTTCGTGCACCTTCAA TTTGAGCCACAACTGCACCAAACGG 4386 TCTTAGTTGGGGTGCACTTCAA TTTGAAGTGCAGCCCCCAAACGG 4387 TGCTCTAATGCCGTGCACATTCAA TTTGAAGTGCAGCCCCCAAACGG 4388 TCCGATTACAAATTGACTGACCGCA TGCGGTCAGTCAATTTGTAATCGG 4389 TAGACGTACGTGAGCCTCCCGTGTC TGACACCGGAGGCCCCCAACTAAG 4389 TAGACGTACGAGCCTCCCGTGTC TGACACGGAGGCCTCACGTACTTCATTGTAATGCGGAATTAGAGC 4389 TAGACGTACGTGAGCCTCCCGTGTC TGACACGGGAGGCTCACGTACGTCT 4390 TAATGGAGGCGTACCACACGCA TTGCGGTCAGTCAATTTGTAATCGG 4391 TGGAGGGGGTACCAACGGAATCCAACGCA TTGCGGTTGGATCCACTCCATT 4391 TGGAGGGGGTACCAACGGAATCCAACGGAAACACACGAAAGCGAAAACAACAACGAAACAAC	4367	TATCCGCAGTTGTATGGCGCGTTAT	TATAACGCGCCATACAACTGCGGAT
4370 TGAACCGAGCCAACGTATGGACACG TCGTGTCCATACGTTGGCTCGGTTC 4371 TGCCGTCAAGCTTAAGGTTTTGGGC TGCCCAAAACCTTAAGCTTGACGGC 4372 TACCTGCTTTTGGGTGGGTGATATG TCATATCACCCACCCAAAAGCAGGT 4373 TAATCGTGGGCGCAGCAAACGTATA TTATACGTTTGCTGCGCCCACGATT 4374 TGTCGCCGGATTGCTCAGTATAAGC TGCTTAATCATCAGCAATCCGGCGAC 4375 TACCCGTCGATGCTTCCTCCTCAGA TTCTGAGGAGGAAGCATCGACGGGT 4376 TATCCGGGTGGGCGATACAAGAGAT TATCTCTTGTATCGCCCACCCGGAT 4377 TTTCCGCATGAGTCAACAAGAGAT TATCTCTTGTATCGCCCACCCGGAT 4378 TGCAAAGTCCCACTGGCAAGCCGAT TATCGGCTTGCCAGTGGGACTTTGC 4379 TCGACCTCGGCTTCATCGTACACAT TATGTGTACGAGTAGAGCCGAGGTCG 4380 TCTCATGAGCGCAGTTGTGCGTGAG TCTCACGCACAACTGCGCTCATGAG 4381 TCAGATGAAGGATCCACGGCCGGAG TCTCACGCACAACTGCGCTCATGAG 4382 TTCAAAGGCTCTTGGATACAGCCGT TACGGCTGATACCAAGAGCCTTTGA 4383 TTCCGCTAATTTCCAATCAGGGCTC TGAGCCCTGATTTGGAAATTAGCGGA 4384 TCCGTTTGCGTCGTCCTCAA TTTGAGCAAGGACCGCAAACGG 4385 TTTCGCTTTCGTGCTCAA TTTGAAGTGCAGCCACAACTGAG 4386 TCTTAGTTGGGGCGCGCGTATCCAA TTTGAAGTGCAGCCACAACTGAG 4387 TGCTCTAATGCCGTGGAGTCCACACT TCTTCGGATACCGCCCCCAACACGG 4388 TCCGATTACAAATTGACTGAACCGCA TTCTGGATACCGCGCCCCCAACTAAG 4387 TGCTCTAATGCCGTGGAGTCCGCAC 4388 TCCGATTACAAATTGACTGACCGCA TTGCGGTCACTTCATCTG 4389 TAGACGTACGTGAGCCTCCCGTGTC TGACACGGGAGGCTCACGTACGTCT 4390 TAATGGAGCGATACGACCCCAATGGAAACCAACGGAAGCGAACGGAACGGAACGGAACGGAACGGAACGGAACGGAACGGAACGGAACGGAACGGAACGGAACGGAACCGCAACAGGAACGGAACGGAACCGCAACGGAACGGAACGGAACGGAACGGAACGGAACGGAACGGAACGGAACGGAACGGAACGGAACCGCAACTGAGGAACGAAC	4368	TGGGTAAGGGACAAAGATGGGATGG	TCCATCCCATCTTTGTCCCTTACCC
4371 TGCCGTCAAGCTTAAGGTTTTGGGC TGCCCAAAACCTTAAGCTTGACGGC 4372 TACCTGCTTTTGGGTGGGTGATATG TCATATCACCCACCCAAAAGCAGGT 4373 TAATCGTGGGCGCAGCAAACGTATA TTATACGTTTGCTGCGCCCACGATT 4374 TGTCGCCGGATTGCTCAGTATAAGC TGCTTTATACTGAGCAATCCGGCGAC 4375 TACCCGTCGATGCTTCCTCCTCAGA TTCTGAGGAGGAAGCATCGACGGGT 4376 TATCCGGGTGGGCGATACAAGAGAT TATCTCTTGATCGCCCACCCGGAT 4377 TTTCCGCATGAGTCAGCTTTGAAAA TTTTTCAAAGCTGACTCATGCGGAA 4378 TGCAAAGTCCCACTGGCAAGCCGAT TATCGGCTTGCCAGCTCATGCGGAA 4379 TCGACCTCGGCTTCATCGTACACAT TATTGTGTACGACTAGAGCCGAGCTCG 4380 TCTCATGAGCGCAGTTGTGCGTGAG TCTCACGCACAACTGCGCTCATGAG 4381 TCAGATGAAGGATCCACCGGCCGGAG TCTCCCGGCCGTGGATCCTTCATCTG 4382 TTCAAAGGCTCTTGGATACAGCCGT TACGGCTGATCCTTCATCTG 4383 TTCCGCTAATTTCCAATCAGGCCTC TGAGCCCTGATTGAAAATTTAGCGGA 4384 TCCGTTTTGCGTCCTTGCTCAA TTTGAGCAAGGACCGCAAACGG 4385 TTTCGCTTACTGTGCCTCAA TTTGAAGTGCAGCCACAACGGAAACGG 4386 TCTTAGTTGGGGCTGCACTTCAA TTTGAAGTGCAGCCACAACTGAG 4387 TGCTCTAATGCCGTGAACCATCAGA 4388 TCCGATTACAAATTGACTGCACAT TCTGGATACCACGCCCCCAACTAAG 4387 TGCTCTAATGCCGTGGAGTCCGAAC 4388 TCCGATTACAAATTGACTGACCACA TTCTGGATACCGCGCCCCAACTAAG 4389 TAGACCTACGTGAGCCTCCCGTGTC TGACACGGGAGGCTCACGTACGTCT 4390 TAATGGAGCGATACCAACGCA TTGCGTTGATCCACTT 4391 TGGAGGCGCTGTACTGATAGGCGTA TTACGCCTATCAGTACACACG 4392 TTGTTTTTGAATTGACCACACACGGA TTCCCGTGTGTCAATTCAAAAACA 4393 TCATGTCTGGATGCCCCAATGAAG TCCTCATTCAAAAAACA 4393 TCATGTCTGGATGCCCCCAATGAAG TCCTCATTCAAAAAACA 4393 TCATGTCTGGATGCCCCCAATGAAG TCCTCATTCAAAAAACA 4393 TCATGTCTGGATGCGCTCAATGAAG TCCTCATTCAATTCA	4369	TATTGGAGTGTTTTGGTGAATCCGC	TGCGGATTCACCAAAACACTCCAAT
4372 TACCTGCTTTTGGGTGGGTGATATG TCATATCACCCACCCAAAAGCAGGT 4373 TAATCGTGGGCGCAGCAAACGTATA TTATACGTTTGCTGCGCCCACCGATT 4374 TGTCGCCGGATTGCTCAGTATAAGC TGCTTATACTGAGCAATCCGGCGAC 4375 TACCCGTCGATGCTTCCTCCTCAGA TTCTGAGGAGGAAGCATCGACGGGT 4376 TATCCGGGTGGGCGATACAAGAGAT TATCTCTTGTATCGCCCACCCGGAT 4377 TTTCCGCATGAGTCAGCTTTGAAAA TTTTTCAAAGCTGACTCATGCGGAA 4378 TGCAAAGTCCCACTGGCAAGCCGAT TATCGGCTTGCCAGTGGGACTTTGC 4379 TCGACCTCGGCTACACACAT TATGTGTACGATGAGCCCACCGGAA 4380 TCTCATGAGCGCAGTTGTGCGTGAG TCTCACGCACACACTGCGCTCATGAG 4381 TCAGATGAAGGATCCACGGCCGGAG TCTCCCGGCCGTGGATCCTTCATCTG 4382 TTCAAAGGCTCTTGGATACAGCCGT TACGGCTGTATCCAAGAGCCTTTGA 4383 TTCCGCTAATTTCCAATCAGGGCTC TGAGCCCTGATTGGAAATTAGCGGA 4384 TCCGTTTGCGGTCCTTTGCTCAA TTTGAGCAAGGACCGCAAACTGCG 4385 TTTCGCTTTCGTGCACCTTCAA TTTGAGCAAGGACCCCCAAACCGG 4386 TCTTAGTTGCGGTGCACTTCAA TTTGAAGTGCAGCCACCAAACAGG 4387 TGCTCTAATGCCGTGGAGTCCACAC TTCTGGATACCGCCCCCAACTAAG 4388 TCCGATTACAAATTGACTGAACCGA TTCTGGATACCGCGCCCCAACTAAG 4389 TAGACGTACGTGGAGCCCCCAACTACGG 4389 TAGACGTACGTGAACTGACCGCA TTGCGGTCAATTTGTAATCGG 4389 TAGACGTACGTGAGCCTCCCGTGTC TGACACCGGAGGCTCACGTACGTCT 4390 TAATGGAGCGATACGACCCCA TTGCGTTGGATCACGCCCCCAATTAGACC 4391 TGGGTGAGCCTCCACGGAA TTCCCGTTGTCCATT 4391 TGGAGGCGCTTGAACTGAACGCGA TTCCCGTTGTCCAATTCAAAAACA 4393 TCATGTCTGGATGCGCCCCAAATGAAG TCTTCATTGAAGCCACACGGA TTCCCGTTTGGATACAGCCGCCCCCAATCAACACGCA TTCCCGTTTTTTTTTT	4370	TGAACCGAGCCAACGTATGGACACG	TCGTGTCCATACGTTGGCTCGGTTC
4373 TAATCGTGGGCGCAGCAAACGTATA 4374 TGTCGCCGGATTGCTCAGTATAAGC 4375 TACCCGTCGATGCTCCTCCTCAGA 4376 TACCCGTCGATGCTCCTCCTCAGA 4377 TTCCGCATGATCAGCATTCTCCTCCTCAGA 4377 TTCCGCATGATCAGCATTTGAAAA 4378 TGCAAAGTCCACCTTGCAACACAGAGAT 4379 TCGACCTCGGCAAGCCGAT 4380 TCTCATGAGCAGTCCACCTGGAG 4381 TCAGATGAAGGATCCACGGCGGAG 4382 TTCAAAGGCTCTTTGGAAAA 4383 TCCGCTAATTCCACACGCCGGAG 4384 TCCGTTTGGATACAGCCGT 4385 TTCCGCTAATTCCAACACGCGT 4386 TCCGTTTGCATCAACACGCGT 4387 TCGACCTCGGCAGGATCCACGCCGGAG 4388 TCCGATTACAACACGCGT 4389 TTCGCTTACGATCAACACGCGT 4380 TCCCGCCGAGATTCCAACACGCGCT 4381 TCCGCTAATTTCCAATCAGGGCTC 4382 TTCCAAGGCCTCTTGGATACAGCCGT 4383 TTCCGCTAATTTCCAATCAGGGCTC 4384 TCCGTTTGCGGCCGCGAG 4385 TTTCGCTTTCGTGCACCTTCAA 4386 TCTTAGTTGGGGCGCGCGCAAACGG 4387 TGCTCTAATGCCGTGAACCTCAA 4388 TCCGATTACAAAATTGACTGAAC 4389 TAGACGTACGTGAGCCCCCAACTAAG 4389 TAGACGTACGTGACCCCCA 4390 TAATGGAGCGATACCAACGCA TTGCGGTTGGATCCAACTTTGAACCGCA 4391 TGGAGCCCTGAACCGCA 4392 TTGTTTTTGAATTGACCACACGGA TTCCCGTTTCATCAACACCACACGCA TTCCCGTTTCATTCCATTC	4371	TGCCGTCAAGCTTAAGGTTTTGGGC	TGCCCAAAACCTTAAGCTTGACGGC
4374 TGTCGCCGGATTGCTCAGTATAAGC 4375 TACCCGTCGATGCTTCCTCCTCAGA 4376 TATCCGGTGGCGATACAAGAGAT 4377 TTTCCGCATGAGTCAGCTTTGAAAA 4378 TGCAAAGTCCCACCGGAT 4379 TCGACCTCGCCACCCGGAT 4379 TCGACCTCGGCTTCATCGTACACAT 4380 TCTCATGAGCCAGCTTTAGAGA 4381 TCAGATGAAGGATCCACGGCGGGGGGGGGGGGGGGGGGG	4372	TACCTGCTTTTGGGTGGGTGATATG	TCATATCACCCACCCAAAAGCAGGT
4375 TACCCGTCGATGCTTCCTCCTCAGA TTCTGAGGAGGAGCATCGACGGGT 4376 TATCCGGGTGGCCGATACAAGAGAT TATCTCTTGTATCGCCCACCCGGAT 4377 TTTCCGCATGAGTCAGCTTTGAAAA TTTTTCAAAGCTGACTCATGCGGAA 4378 TGCAAAGTCCCACTGGCAAGCCGAT TATCGGCTTGCCAGTGGACTTTGC 4379 TCGACCTCGGCTTCATCGTACACAT TATGTGTACGATGAAGCCGAGGTCG 4380 TCTCATGAGCGCAGTTGTGCGTGAG TCTCACGCACAACTGCGCTCATGAG 4381 TCAGATGAAGGATCCACGGCCGGAG TCTCCGGCCGTGGATCCTTCATCTG 4382 TTCAAAGGCTCTTGGATACAGCCGT TACGGCTGTATCCAAGAGCCTTTGA 4383 TTCCGCTAATTTCCAATCAGGGCTC TGAGCCCTGATTGGAAATTAGCGGA 4384 TCCGTTTGCGGTCGTCCTTGCTCAA TTTGAGCAAGGACCACCGCAAACGG 4385 TTTCGCTTTCGTGGATACCAGA TTTGAAGTGCAGCCACAACAGG 4386 TCTTAGTTGGGGCGCGCTATCCAGA TTCTGGATACCGCGCCCCAACTAAG 4387 TGCTCTAATGCCGTGGAGTCGGAAC TGTTCCGACTCCACGGCATTAGAGC 4388 TCCGATTACAAATTGACTGACCGCA TTGCGGTCAGTTCAATTTGTAATCGG 4389 TAGACGTACGTGAGCCTCCCGTGTC TGACACGGAGGCTCACGTACGTCT 4390 TAATGGAGCGATACCACCCA TTGCGTTGGATCCACGTCCATTT 4391 TGGAGGCGCTGTACTGATAGGCGTA TTACGCCTTACATTTGTAATCGCCTCCATT 4392 TTGTTTTTGAATTGACTGACCACACGGA TTCCCGTGTCCATTCAAAAAACA 4393 TCATGTCTGGATGCGCTCCAATGAAG TCCCCTTCCAGGCCTCCCAGACAACACACACACACACACA	4373	TAATCGTGGGCGCAGCAAACGTATA	TTATACGTTTGCTGCGCCCACGATT
4376 TATCCGGGTGGGCGATACAAGAGAT TATCTCTTGTATCGCCCACCCGGAT 4377 TITCCGCATGAGTCAGCTTTGAAAA TTTTTCAAAGCTGACTCATGCGGAA 4378 TGCAAAGTCCCACTGGCAAGCCGAT TATCGGCTTGCCAGTGGGACTTTGC 4379 TCGACCTCGGCTTCATCGTACACAT TATGTGTACGATGAAGCCGAGGTCG 4380 TCTCATGAGCGCAGTTGTGCGTGAG TCTCACGCACAACTGCGCTCATGAG 4381 TCAGATGAAGGATCCACGGCCGGAG TCTCCGGCCGTGGATCCTTCATCTG 4382 TTCAAAGGCTCTTGGATACAGCCGT TACGGCTGATCCAAGAGCCTTTGA 4383 TTCCGCTAATTTCCAATCAGGGCTC TGAGCCCTGATTGGAAATTAGCGGA 4384 TCCGTTTGCGGTCGTCCTTGCTCAA TTTGAGCAAGGACCGCAAACGG 4385 TTTCGCTTTCGTGGCTGCACTTCAA TTTGAAGTGCAGCCACGAAAGCGAA 4386 TCTTAGTTGGGGCGCGGTATCCAGA TTCTGGATACCGCGCCCCAACTAAG 4387 TGCTCTAATGCCGTGGAGTCGGAAC TGTTCCGACTCCACGGCATTAGAGC 4388 TCCGATTACAAATTGACTGACCGCA TTGCGGTCAGTCAATTTGTAATCGG 4389 TAGACGTACGTGAGCCTCCCGTGTC TGACACGGGAGCCTCACGTACGTCT 4390 TAATGGAGCGATACGATCCAACGCA TTGCGTTGGATCGTCCACTT 4391 TGGAGGCGCTGTACTGATAGGCGTA TTACGCCTTACAGCCCCCCCAACTAAGACACACACACACA	4374	TGTCGCCGGATTGCTCAGTATAAGC	TGCTTATACTGAGCAATCCGGCGAC
4377 TTTCCGCATGAGTCAGCTTTGAAAA TTTTTCAAAGCTGACTCATGCGGAA 4378 TGCAAAGTCCCACTGGCAAGCCGAT TATCGGCTTGCCAGTGGGACTTTGC 4379 TCGACCTCGGCTTCATCGTACACAT TATGTGTACGATGAAGCCGAGGTCG 4380 TCTCATGAGCGCAGTTGTGCGTGAG TCTCACGCACAACTGCGCTCATGAG 4381 TCAGATGAAGGATCCACGGCCGGAG TCTCCGGCCGTGGATCCTTCATCTG 4382 TTCAAAGGCTCTTGGATACAGCCGT TACGGCTGATTCCAAGAGCCTTTGA 4383 TTCCGCTAATTTCCAATCAGGGCTC TGAGCCCTGATTGGAAATTAGCGGA 4384 TCCGTTTGCGGTCGTCCTTAA TTTGAGCAAGGACCGCAAACGG 4385 TTTCGCTTTCGTGGATACCAGA TTTGAAGTGCAGCCACGAAAGCGAA 4386 TCTTAGTTGGGGCGCGGTATCCAGA TTCTGGATACCGCGCCCCAACTAAG 4387 TGCTCTAATGCCGTGGAGTCGGAAC TGTTCCGACTCCACGGCATTAGAGC 4388 TCCGATTACAAATTGACTGACCGCA TTGCGGTCAGTCAATTTGTAATCGG 4389 TAGACGTACGTGAGCCTCCCGTGTC TGACACGGGAGGCTCACGTACGTCT 4390 TAATGGAGCGATACGATCCAACGCA TTGCGTTCGTTCATTTTTTTTTT	4375	TACCCGTCGATGCTTCCTCCTCAGA	TTCTGAGGAGGAAGCATCGACGGGT
4378 TGCAAAGTCCCACTGGCAAGCCGAT TATCGGCTTGCCAGTGGGACTTTGC 4379 TCGACCTCGGCTTCATCGTACACAT TATGTGTACGATGAAGCCGAGGTCG 4380 TCTCATGAGCGCAGTTGTGCGTGAG TCTCCACGCACAACTGCGCTCATGAG 4381 TCAGATGAAGGATCCACGGCCGGAG TCTCCGGCCGTGGATCCTTCATCTG 4382 TTCAAAGGCTCTTGGATACAGCCGT TACGGCTGTATCCAAGAGCCTTTGA 4383 TTCCGCTAATTTCCAATCAGGGCTC TGAGCCCTGATTGGAAATTAGCGGA 4384 TCCGTTTGCGGTCGTCCTTAA TTTGAGCAAGGACGACCGCAAACGG 4385 TTTCGCTTTCGTGGATACCAGA TTTGAAGTGCAGCCACGAAAGCGAA 4386 TCTTAGTTGGGGCGCGGTATCCAA TTTGAAGTGCAGCCACCAACTAAG 4387 TGCTCTAATGCCGTGGAGTCGGAAC TGTTCCGACTCCACGGCATTAGAGC 4388 TCCGATTACAAATTGACTGACCGCA TTGCGGTCAGTCATTTGTAATCGG 4389 TAGACGTACGTGAGCCTCCCGTGTC TGACACGGGAGGCTCACGTACGTCT 4390 TAATGGAGCGATACGATCCAACGCA TTGCGTTGGATCGTCCATT 4391 TGGAGGCGCTGTACTGATAGGCGTA TTACGCCTTACAGCCCCCCAACTAAGACA 4393 TCATGTCTGGATGCCCTCAATGAAG TCCCGTGTCCAACAAAACA 4393 TCATGTCTGGATGCGCTCAATGAAG TCCCCTCCAGGCATCCAACAACAACA 4393 TCATGTCTGGATGCGCTCAATGAAG TCTTCATTGAGCCGCCCCCAACTAAAAACA 4393 TCATGTCTGGATGCGCTCAATGAAG TCTTCATTGAGCCGCTCCAGACATG	4376	TATCCGGGTGGGCGATACAAGAGAT	TATCTCTTGTATCGCCCACCCGGAT
TCGACCTCGGCTTCATCGTACACAT TATGTGTACGATGAAGCCGAGGTCG 4380 TCTCATGAGCGCAGTTGTGCGTGAG TCTCACGCACAACTGCGCTCATGAG 4381 TCAGATGAAGGATCCACGGCCGGAG TCTCCGGCCGTGGATCCTTCATCTG 4382 TTCAAAGGCTCTTGGATACAGCCGT TACGGCTGTATCCAAGAGCCTTTGA 4383 TTCCGCTAATTTCCAATCAGGGCTC TGAGCCCTGATTGGAAATTAGCGGA 4384 TCCGTTTGCGTCCACATTCCAA TTTGAGCAAGGACCGCCACAACGG 4385 TTTCGCTTTCGTGCACTTCAA TTTGAAGTGCAGCCACGAAAGCGAA 4386 TCTTAGTTGGGGCGCGCGTATCCAGA TTCTGGATACCGCGCCCCAACTAGG 4387 TGCTCTAATGCCGTGGAGTCGGAAC TGTTCCGACTCCACGGCATTAGAGC 4388 TCCGATTACAAATTGACTGACCGCA TTGCGGTCAGTCAATTTGTAATCGG 4389 TAGACGTACGTGAGCCTCCCGTGTC TGACACGGGAGGCTCACGTACGTCT 4390 TAATGGAGCGATACGACCCACGCA TTGCGTTTGGATCGCTCCATT 4391 TGGAGGCGCTGTACTGATAGGCGTA TTACGCCTATCAGTACAGCGCTCC 4392 TTGTTTTTGAATTGACCACACGCA TTCCCGTGTGGTCAATTCAAAAACA TCATGTCTGGATGCGCTCCAATGAAG TCTTCATTGAGCGCATCCAGACACACACACGCA TTCCCGTGTGGTCAATTCAAAAACA TCATGTCTGGATGCGCTCCAATGAAG TCCCGTGTGGTCAATTCAAAAACA TCATGTCTGGATGCGCTCCAATGAAG TCTTCATTGAGCGCATCCAGGCATTCCAACACACACACAC	4377	TTTCCGCATGAGTCAGCTTTGAAAA	TTTTTCAAAGCTGACTCATGCGGAA
TCTCATGAGCGCAGTTGTGCGTGAG TCTCACGCACAACTGCGCTCATGAG 4381 TCAGATGAAGGATCCACGGCCGGAG TCTCCGGCCGTGGATCCTTCATCTG 4382 TTCAAAGGCTCTTGGATACAGCCGT TACGGCTGTATCCAAGAGCCTTTGA 4383 TTCCGCTAATTTCCAATCAGGGCTC TGAGCCCTGATTGGAAATTAGCGGA 4384 TCCGTTTGCGGTCGTCCTTGCTCAA TTTGAGCAAGGACCGCAAACGG 4385 TTTCGCTTTCGTGGACCTCAA TTTGAAGTGCAGCCACGAAAGCGAA 4386 TCTTAGTTGGGGCGCGCGGTATCCAGA TTCTGGATACCGCGCCCCAACTAAG 4387 TGCTCTAATGCCGTGGAGTCGGAAC TGTTCCGACTCCACGGCATTAGAGC 4388 TCCGATTACAAATTGACTGACCGCA TTGCGGTCAGTCAATTTGTAATCGG 4389 TAGACGTACGTGAGCCTCCCGTGTC TGACACGGGAGGCTCACGTACGTCT 4390 TAATGGAGCGATACGATCCAACGCA TTGCGTTCGATCGCTCCATT 4391 TGGAGGCGCTGTACTGATAGGCGTA TTACGCCTATCAGTACAGCGCCTCC 4392 TTGTTTTGAATTGACCACACGGGA TTCCCGTGTGTCAATTCAAAAACA 4393 TCATGTCTGGATGCGCTCAATGAAG TCTTCATTGAGCGCATCCAGACATG	4378	TGCAAAGTCCCACTGGCAAGCCGAT	TATCGGCTTGCCAGTGGGACTTTGC
4381 TCAGATGAAGGATCCACGGCCGAG TCTCCGGCCGTGGATCCTTCATCTG 4382 TTCAAAGGCTCTTGGATACAGCCGT TACGGCTGTATCCAAGAGCCTTTGA 4383 TTCCGCTAATTTCCAATCAGGGCTC TGAGCCCTGATTGGAAATTAGCGGA 4384 TCCGTTTGCGGTCGTCCTCAA TTTGAAGTGCAGCCGCAAACGG 4385 TTTCGCTTTCGTGGCTGCACTTCAA TTTGAAGTGCAGCCACGAAAGCGAA 4386 TCTTAGTTGGGGCGCGGTATCCAGA TTCTGGATACCGCGCCCCAACTAAG 4387 TGCTCTAATGCCGTGGAGTCGGAAC TGTTCCGACTCCACGGCATTAGAGC 4388 TCCGATTACAAATTGACTGACCGCA TTGCGGTCAGTCAATTTGTAATCGG 4389 TAGACGTACGTGAGCCTCCCGTGTC TGACACGGGAGGCTCACGTACGTCT 4390 TAATGGAGCGATACGATCCAACGCA TTGCGTTGGATCGTCCATT 4391 TGGAGGCGCTGTACTGATAGGCGTA TTACGCCTATCAGTACAGCGCCTCC 4392 TTGTTTTGAATTGACCACACGGA TTCCCGTGTGTCAATTCAAAAACA 4393 TCATGTCTGGATGCGCTCAATGAAG TCTTCATTGAGCGCATCCAGACATG	4379	TCGACCTCGGCTTCATCGTACACAT	TATGTGTACGATGAAGCCGAGGTCG
TICAAAGGCTCTTGGATACAGCCGT TACGGCTGTATCCAAGAGCCTTTGA 4383 TTCCGCTAATTTCCAATCAGGGCTC TGAGCCCTGATTGGAAATTAGCGGA 4384 TCCGTTTGCGGTCGTCCTTGCTCAA TTTGAGCAAGGACGACCGCAAACGG 4385 TTTCGCTTTCGTGGCTGCACTTCAA TTTGAAGTGCAGCCACGAAAGCGAA 4386 TCTTAGTTGGGGCGCGGGTATCCAGA TTCTGGATACCGCGCCCCAACTAAG 4387 TGCTCTAATGCCGTGGAGTCGGAAC TGTTCCGACTCCACGGCATTAGAGC 4388 TCCGATTACAAATTGACTGACCGCA TTGCGGTCAATTTGTAATCGG 4389 TAGACGTACGTGAGCCTCCCGTGTC TGACACGGGAGGCTCACGTACGTCT 4390 TAATGGAGCGATACGATCCAACGCA TTGCGTTGGATCGTATCGCTCCATT 4391 TGGAGGCGCTGTACTGATAGGCGTA TTACGCCTACTACAGCGCCTCC 4392 TTGTTTTTGAATTGACCACACGGGA TCCCGTGTGTCAATTCAAAAACA 4393 TCATGTCTGGATGCGCTCAATGAAG TCTTCATTGAGCGCATCCAGACATG	4380	TCTCATGAGCGCAGTTGTGCGTGAG	TCTCACGCACAACTGCGCTCATGAG
4383 TTCCGCTAATTTCCAATCAGGGCTC TGAGCCCTGATTGGAAATTAGCGGA 4384 TCCGTTTGCGGTCGTCCTTGCTCAA TTTGAGCAAGGACCGCCACAACGG 4385 TTTCGCTTTCGTGGCTGCACTTCAA TTTGAAGTGCAGCCACGAAAGCGAA 4386 TCTTAGTTGGGGCGCGCGGTATCCAGA TTCTGGATACCGCGCCCCAACTAAG 4387 TGCTCTAATGCCGTGGAGTCGGAAC TGTTCCGACTCCACGGCATTAGAGC 4388 TCCGATTACAAATTGACTGACCGCA TTGCGGTCAGTCAATTTGTAATCGG 4389 TAGACGTACGTGAGCCTCCCGTGTC TGACACGGGAGGCTCACGTACGTCT 4390 TAATGGAGCGATACGATCCAACGCA TTGCGTTGGATCGTCCATT 4391 TGGAGGCGCTGTACTGATAGGCGTA TTACGCCTATCAGTACAGCCCTCC 4392 TTGTTTTTGAATTGACCACACGGGA TCCCGTGTGTCAATTCAAAAACA 4393 TCATGTCTGGATGCGCTCAATGAAG TCTTCATTGAGCGCATCCAGACATG	4381	TCAGATGAAGGATCCACGGCCGGAG	TCTCCGGCCGTGGATCCTTCATCTG
TCCGTTTGCGGTCGTCCTTGCTCAA TTTGAGCAAGGACGACCGCAAACGG TTTCGCTTTCGTGGCTGCACTTCAA TTTGAAGTGCAGCCACGAAAGCGAA TCTTAGTTGGGGCGCGGTATCCAGA TTCTGGATACCGCGCCCCAACTAAG TGCTCTAATGCCGTGGAGTCGGAAC TGTTCCGACTCCACGGCATTAGAGC TGCGTCAATTTGTAATCGG TABB TCCGATTACAAATTGACTGACCGCA TGCGGTCAGTCAATTTGTAATCGG TAATGGAGCGATACGATCCAACGCA TGCGTTGGATCGTACTGACGTCT TGCGTTGGATCGTACTGATCGTC TGCGTTGGATCGTATCGCTCCATT TGCGTTGGATCGTATCGCTCCATT TGCGTTGGATCGTACTGATAGGCGTA TTACGCCTATCAGTACAGCGCTCCC TTGTTTTTGAATTGACCACACGGGA TCCCGTGTGGTCAATTCAAAAACA TCATGTCTGGATGCGCTCCAATGAAG TCTTCATTGAGCGCATCCAGACATG	4382	TTCAAAGGCTCTTGGATACAGCCGT	TACGGCTGTATCCAAGAGCCTTTGA
4385 TTTCGCTTTCGTGGCTGCACTTCAA TTTGAAGTGCAGCCACGAAAGCGAA 4386 TCTTAGTTGGGGCGCGGTATCCAGA TTCTGGATACCGCGCCCCAACTAAG 4387 TGCTCTAATGCCGTGGAGTCGGAAC TGTTCCGACTCCACGGCATTAGAGC 4388 TCCGATTACAAATTGACTGACCGCA TTGCGGTCAGTCAATTTGTAATCGG 4389 TAGACGTACGTGAGCCTCCCGTGTC TGACACGGGAGGCTCACGTACGTCT 4390 TAATGGAGCGATACGATCCAACGCA TTGCGTTGGATCGTATCGCTCCATT 4391 TGGAGGCGCTGTACTGATAGGCGTA TTACGCCTATCAGTACAGCGCCTCC 4392 TTGTTTTTGAATTGACCACACGGGA TCCCGTGTGGTCAATTCAAAAACA 4393 TCATGTCTGGATGCGCTCAATGAAG TCTTCATTGAGCGCATCCAGACATG	4383	TTCCGCTAATTTCCAATCAGGGCTC	TGAGCCCTGATTGGAAATTAGCGGA
4386 TCTTAGTTGGGGCGCGGTATCCAGA TTCTGGATACCGCGCCCCAACTAAG 4387 TGCTCTAATGCCGTGGAGTCGGAAC TGTTCCGACTCCACGGCATTAGAGC 4388 TCCGATTACAAATTGACTGACCGCA TTGCGGTCAATTTGTAATCGG 4389 TAGACGTACGTGAGCCTCCCGTGTC TGACACGGGAGGCTCACGTACGTCT 4390 TAATGGAGCGATACGATCCAACGCA TTGCGTTGGATCGTATCGCTCCATT 4391 TGGAGGCGCTGTACTGATAGGCGTA TTACGCCTATCAGTACAGCGCCTCC 4392 TTGTTTTTGAATTGACCACACGGGA TCCCGTGTGGTCAATTCAAAAACA 4393 TCATGTCTGGATGCGCTCAATGAAG TCTTCATTGAGCGCATCCAGACATG	4384	TCCGTTTGCGGTCGTCCTTGCTCAA	TTTGAGCAAGGACGACCGCAAACGG
4387 TGCTCTAATGCCGTGGAGTCGGAAC TGTTCCGACTCCACGGCATTAGAGC 4388 TCCGATTACAAATTGACTGACCGCA TTGCGGTCAGTCAATTTGTAATCGG 4389 TAGACGTACGTGAGCCTCCCGTGTC TGACACGGGAGGCTCACGTACGTCT 4390 TAATGGAGCGATACGATCCAACGCA TTGCGTTGGATCGTATCGCTCCATT 4391 TGGAGGCGCTGTACTGATAGGCGTA TTACGCCTATCAGTACAGCGCCTCC 4392 TTGTTTTTGAATTGACCACACGGGA TTCCCGTGTGGTCAATTCAAAAACA 4393 TCATGTCTGGATGCGCTCAATGAAG TCTTCATTGAGCGCATCCAGACATG	4385	TTTCGCTTTCGTGGCTGCACTTCAA	TTTGAAGTGCAGCCACGAAAGCGAA
4388 TCCGATTACAAATTGACTGACCGCA TTGCGGTCAATTTGTAATCGG 4389 TAGACGTACGTGAGCCTCCCGTGTC TGACACGGGAGGCTCACGTACGTCT 4390 TAATGGAGCGATACGATCCAACGCA TTGCGTTGGATCGTATCGCTCCATT 4391 TGGAGGCGCTGTACTGATAGGCGTA TTACGCCTATCAGTACAGCGCCTCC 4392 TTGTTTTTGAATTGACCACACGGGA TTCCCGTGTGGTCAATTCAAAAACA 4393 TCATGTCTGGATGCGCTCAATGAAG TCTTCATTGAGCGCATCCAGACATG	4386	TCTTAGTTGGGGCGCGGTATCCAGA	TTCTGGATACCGCGCCCCAACTAAG
4389 TAGACGTACGTGAGCCTCCCGTGTC TGACACGGGAGGCTCACGTACGTCT 4390 TAATGGAGCGATACGATCCAACGCA TTGCGTTGGATCGTATCGCTCCATT 4391 TGGAGGCGCTGTACTGATAGGCGTA TTACGCCTATCAGTACAGCGCCTCC 4392 TTGTTTTTGAATTGACCACACGGGA TTCCCGTGTGGTCAATTCAAAAACA 4393 TCATGTCTGGATGCGCTCAATGAAG TCTTCATTGAGCGCATCCAGACATG	4387	TGCTCTAATGCCGTGGAGTCGGAAC	TGTTCCGACTCCACGGCATTAGAGC
4390 TAATGGAGCGATACGATCCAACGCA TTGCGTTGGATCGTATCGCTCCATT 4391 TGGAGGCGCTGTACTGATAGGCGTA TTACGCCTATCAGTACAGCGCCTCC 4392 TTGTTTTTGAATTGACCACACGGGA TTCCCGTGTGGTCAATTCAAAAACA 4393 TCATGTCTGGATGCGCTCAATGAAG TCTTCATTGAGCGCATCCAGACATG	4388	TCCGATTACAAATTGACTGACCGCA	TTGCGGTCAGTCAATTTGTAATCGG
4391 TGGAGGCGCTGTACTGATAGGCGTA TTACGCCTATCAGTACAGCGCCTCC 4392 TTGTTTTTGAATTGACCACACGGGA TTCCCGTGTGGTCAATTCAAAAACA 4393 TCATGTCTGGATGCGCTCAATGAAG TCTTCATTGAGCGCATCCAGACATG	4389	TAGACGTACGTGAGCCTCCCGTGTC	TGACACGGGAGGCTCACGTACGTCT
4392 TTGTTTTGAATTGACCACACGGGA TTCCCGTGTGGTCAATTCAAAAACA 4393 TCATGTCTGGATGCGCTCAATGAAG TCTTCATTGAGCGCATCCAGACATG	4390	TAATGGAGCGATACGATCCAACGCA	TTGCGTTGGATCGTATCGCTCCATT
4393 TCATGTCTGGATGCGCTCAATGAAG TCTTCATTGAGCGCATCCAGACATG	4391	TGGAGGCGCTGTACTGATAGGCGTA	TTACGCCTATCAGTACAGCGCCTCC
VIV. VIV. VIV. VIV. VIV. VIV. VIV. VIV.	4392	TTGTTTTTGAATTGACCACACGGGA	TTCCCGTGTGGTCAATTCAAAAACA
4394 TGCCCGCTAATCCGACACCCAGTTT TAAACTGGGTGTCGGATTAGCGGGC	4393	TCATGTCTGGATGCGCTCAATGAAG	TCTTCATTGAGCGCATCCAGACATG
	4394	TGCCCGCTAATCCGACACCCAGTTT	TAAACTGGGTGTCGGATTAGCGGGC

4395	TCCATTGACAGGAGAGCCATGAGCC	TGGCTCATGGCTCTCCTGTCAATGG
4396	TGAATCACCGAATCACCGACTCGTT	TAACGAGTCGGTGATTC
4397	TAACCAGCCGCAGTAGCTTACGTCG	TCGACGTAAGCTACTGCGGCTGGTT
4398	TTTTCTGAGGGACACGCGGGCGTT	TAACGCCCGCGTGTCCCTCAGAAAA
4399	TGGTGCTCCGTTTGATCGATCCTCC	TGGAGGATCGATCAAACGGAGCACC
4400	TCCGCTTAGGCCATACTCTGAGCCA	TTGGCTCAGAGTATGGCCTAAGCGG
4401	TTAAGACATACCGACGCCCTTGCCT	TAGGCAAGGGCGTCGGTATGTCTTA
4402	TGTTCCCGACGCCAGTCATTGAGAC	TGTCTCAATGACTGGCGTCGGGAAC
4403	TTAAAAGTTTCGCGGAGGTCGGGCT	TAGCCCGACCTCCGCGAAACTTTTA
4404	TCGGTCCAGACGAGCTGAGTTCGGC	TGCCGAACTCAGCTCGTCTGGACCG
4405	TCGGCGTAGCGGCTACGGACTTAAA	TTTTAAGTCCGTAGCCGCTACGCCG
4406	TGCTTGGATGCCCATGCGGCAAGGT	TACCTTGCCGCATGGGCATCCAAGC
4407	TAGCGGGATCCCAGAGTTTCGAAAA	TTTTTCGAAACTCTGGGATCCCGCT
4408	TGAGCTTGAGAGCGAGGTCATCCTC	TGAGGATGACCTCGCTCTCAAGCTC
4409	TGCATCGGCCGTTTTGACCATATTC	TGAATATGGTCAAAACGGCCGATGC
4410	TCATAGCGCTGCACGTTTCGACCGC	TGCGGTCGAAACGTGCAGCGCTATG
4411	TACCCGACAACCACCAATTCAAAAA	TTTTTGAATTGGTGGTTGTCGGGT
4412	TGCGAACACTCATAAGAGCGCCCTG	TCAGGGCGCTCTTATGAGTGTTCGC
4413	TCCGCCGAGTGTAGAGAGACTCCGA	TTCGGAGTCTCTCTACACTCGGCGG
4414	TGACATCGGGAGCCGGAAACATGAG	TCTCATGTTTCCGGCTCCCGATGTC
4415	TTCGTGTAGACTCGGCGACAGGCGT	TACGCCTGTCGCCGAGTCTACACGA
4416	TATGCGCATATACTGACTGCGCAGG	TCCTGCGCAGTCAGTATATGCGCAT
4417	TACAAGCGAACCCGAGTTTTGATGA	TTCATCAAAACTCGGGTTCGCTTGT
4418	TGCATGAGACTCCGCGAAGACATGT	TACATGTCTTCGCGGAGTCTCATGC
4419	TTCCTACATGTCGCGTCACGATCAC	TGTGATCGTGACGCGACATGTAGGA
4420	TGACCGATCGCGAAGTCGTACACAT	TATGTGTACGACTTCGCGATCGGTC
4421	TGTCGCCAGGACTGGGCCGATGTGA	TTCACATCGGCCCAGTCCTGGCGAC
4422	TACCGATAAGACTTGCATCCGAACG	TCGTTCGGATGCAAGTCTTATCGGT
4423	TTCCATAACCAGTCCGAAGTGCCGG	TCCGGCACTTCGGACTGGTTATGGA
4424	TACGCGCCCTGCATCTCGTATTTAA	TTTAAATACGAGATGCAGGGCGCGT
4425	TAGACCGCATCAATTGGCGCGTACC	TGGTACGCGCCAATTGATGCGGTCT
4426	TAGAGGCTTGGCAAGTAGGGACCCT	TAGGGTCCCTACTTGCCAAGCCTCT
4427	TGCAATGGACGCCAGACGATACCGG	TCCGGTATCGTCTGGCGTCCATTGC
4428	TGCTGGACTTAGTCGTGTTCGGCGG	TCCGCCGAACACGACTAAGTCCAGC
4429	TAGGCATCGTGCCGGATTGCTCCCT	TAGGGAGCAATCCGGCACGATGCCT
4430	TTGCGCATGTCGACGTTGAACAAAG	TCTTTGTTCAACGTCGACATGCGCA
4431	TTTCGGGTCACATCCGATGCCATAC	TGTATGGCATCGGATGTGACCCGAA
4432	TACCCATCGCCGGAAAGCGATGTTG	TCAACATCGCTTTCCGGCGATGGGT

4433 TAAGGGCTGACTCGGCTAAGAATCA 4434 TACTTCCAAGTCCTTGACCGTCCGA 4435 TTCTCAATATTCCCGTAGTCGCCCA 4436 TAACAGTTCCTTTTTCCTGGCGC 4436 TAACAGTTCCTCTTTTTCCTGGCGC 4437 TCGTCCTCCATGTTGTCACGAACAG 4438 TTGCGCAGACAGACAG 4439 TATGGACGGCTACCTGTCTTTTGCT 4439 TATGGACGGCTACCTGTCTTTTGCT 4441 TTGACCCTCCCTAGTTGCACGAACAG 4442 TGTTCTTCGCGCGCAGACAGG 4443 TAGGACGGCTTCGCAGTCTCCTT 4441 TTGAACCCTGCCGCGAGCACAGT 4442 TGTTCTTGCGCGATGAATCAC 4443 TAGGGTACGGCAACAGT 4444 TACCCTTGCCGCGAGACACACT 4444 TACCCTTGCCGCGAGACACACT 4444 TACCCTTGCCCAGTCTCCTCT 4444 TACCCTTGCCCCAGGTCACCTT 4444 TACCCTTGCCCAGGTCCACCT 4444 TACCCTTGCCCAGGTCCACCT 4444 TACCCTTGCCCCAGGTCCACCT 4444 TACCCTTGCCCCAGGTCCACCT 4444 TACCCTTGCCCCAGGTCCCCT 4446 TTGTTGTCCCCCAGGTTCCCCT 4447 TGTTGTCCCAGACACCACCT 4448 TGCCGACAGACACCACCT 4449 TGCAGACAAGCACGTTCACCT 4449 TGCAGACAACCACCACCACCCT 4450 TCCCATCACAACCAACCACCT 4451 TGCTCTCACAACCAACCACCT 4452 TGAATGTTGAACCTGCACCTTTCACC 4451 TGCTCTCACAACCAACCACCT 4452 TGCAGACAAGGACTTCACCACCACCCCT 4453 TCCCACCAACCAACCACCTCT 4451 TGCTTCTACAACCAACCACCT 4452 TGAATGTGTCCCACCATTGTCACCC 4453 TCCCACCACAACCACCACCTCTT 4454 TCCCCTCACCAACCACCACCTCTTCACCC 4455 TCCCACCACAACCACCTCCTACCC 4456 TAGCACCAACCACCCCTCTGTTGC 4457 TCCCTTCACACCACCCCCTTGTTGCC 4458 TCCCACCACCACCACCCCCCCCCCCCCCCTCGTTGTCACCCCCCTCGTTGCACCCCCCCC			
4435 TICTCAATATTCCGTAGTCGCCA TIGGGCGACTACGGGAATATTGAGA 4436 TAACAGTTCCTCTTTTCCTGGCGC TIGGGCCAGGAAAAAGAGGAACTGTT 4437 TCGTCCTCCATGTTGTCACGAACAG TCTGTTCGTGACAACATGGAGGACG 4438 TTGGGCGACCTCCCTGTTTTCCT TAGCAAAGACAGGTAGGTCTGCGCA 4439 TATGGACGGCTTCGCAGTCCTCTT TAAGGAGGACTGCGCAAGCCGTCCAT 4440 TTGAACCCTTCTATGGGCCACGTA TAAGGAGGACTGCCAATGCAAGCGTTCAA 4441 TTGAACCCTTGCGCAGCAGTACC TGGTTATCGCCAGAGCCGTCCAT 4442 TGTTCTTGCGCGAGCGATAACC TGGTTATCATCGCGCAAGAAC 4443 TAAGGATACGTGCGACGTTCGCGT TAACGTGGCCCATAGAAAAGCGTTCA 4444 TACCCTTGCCCCATGTCTCTCA TGGCCAAGACCTGCGCAAGAAC 4444 TACCCTTGCTCCGCCATGTCTCTCA TGAAGAACATGGCGGAACAAGAC 4445 TGGGACAAGGATTGAAGCTGGCGT TGACGCAAGCTTCAATCCTTGTCCC 4446 TTGTCGTCCCCAATGTCTCTCA TGAAGAACATGGCGGAACAACGACA 4447 TGTTGTCCCGAAGATACCATTG TCAATGGTACTCGAGCAAACACACAAC 4448 TGCTGTGGCCCCAAGAACCACT TGCTGCAGACAACACGACAAC 4449 TGCAGACAACACCACACACCACT TAGCGGTTCGAACACCACCACACACACACACACACACACA	4433	TAAGCGCTGACTCGGCTAAGAATCA	TTGATTCTTAGCCGAGTCAGCGCTT
4436 TAACAGTTCCTCTTTTCCTGGCGC TGCGCCAGGAAAAAGAGGAACTGTT 4437 TCGTCCTCCATGTTGTCACGAACAG TCTGTTCGTGACAACATGGAGGACG 4438 TTGCGCAGACCTACCTGTCTTTGCT TAGCAAAGACAGGTAGGTCTGCGCA 4439 TATGGACGCTTCGCAGTCCTCTT TAAGGAGGACTGCGAAGCCGTCCAT 4440 TTGAACCCTTCTATGGGCCACGTA TTACGTGGCCCATAGAAAACGGTTCA 4441 TTGAACCCTTCCTGGGCCACGTA TTACGTGGCCCATAGAAAACGGTTCA 4442 TGTTCTTGCGCGAGAGCACACC TGGTTATCGCGCGAGACCGTAACAC 4443 TAGGGTACGTGCGAGATCAGGACC TGGTCATTCATGGCCCAAGAAC 4444 TACCCTTGCCGCAGAGCTTCGCGT TACGCGAAGCTGCGACACGTACCCT 4444 TACCCTTGCCCGCATGTCTCCA TTGAGAGACCTTCAGTCCTGCGC 4445 TGGGACAAGGATTGAAGCTGCGGT TACGCGAAGCACAGGACAC 4446 TTGTCTTGCCCCAAGTACCATTG TCAATGCTTGCCC 4446 TTGTCGTTGCCCCAAGTACCATTG TCAATGCTTCGGGAGCAACGACA 4447 TGTTGCCCGAGACACTACCATTG TCAATGCTTCGGGAGCAACGACA 4448 TGCTGGTGAACACTCACGAACCGCT TAGCGGTTCAATGCTTGCCC 4449 TGCAGAACAGACTCACGAAACCGCT TAGCGGTTCGAGACTACCAGC 4449 TGCAGAACAGGCGAAACCGCT TAGCGGTTCGTGACACACACGACACACACACACACACACA	4434	TACTTCCAAGTCCTTGACCGTCCGA	TTCGGACGGTCAAGGACTTGGAAGT
4437 TCGTCCTCATGTTGTCACGAACAG TCTGTTCGTGACAACATGGAGGACG 4438 TTGCGCAGACCTACCTGTCTTTGCT TAGCAAAGACAGGTAGGTCTGCGCA 4439 TATGGACGGCTTCGCAGTCCTCTT TAGCGAGGACTGCGAAGCCGTCCAT 4440 TTGAACGCTTTCTATGGGCACGTA TTACGTGGCCCATAGAAAAGCGTTCA 4441 TTGAACCCTGCCGCGAGCGATAACC TGGTCTCGCTCGCGCAGGGTTCA 4442 TGTTCTTGCGCGGAGACACCT TGGTCTCGTCTCTCCGCCAAGAAC 4443 TAGGGTACGTTCGCGT TAGCGCACAGACC 4444 TACCCTTGCCCGCATGTCTCCA TGGTCCTGGTCGACACACGTACCCT 4444 TACCCTTGCTCCGCCATGTCTCCA TTGAGAGACATGCCGCAAGAAC 4445 TGGGACAAGGATTGAAGCTGGCGTC TGACGCAGACACGTACCCT 4446 TTGTCGTTGCCCCGAGTACCATTG TCAATGGTACTCGGGAGAACACGACACACACACACACACA	4435		TTGGGCGACTACGGGAATATTGAGA
4438 TIGCGCAGACCTACCTGTCTTTGCT TAGCAAAGACAGGTAGGTCTGCGCA 4439 TATGGACGGCTTCGCAGTCCTCTT TAAGGAGGACTGCGAAGCCGTCCAT 4440 TIGAACGCTTTCTATGGGCCACGTA TTACGTGGCCCATAGAAAGCCGTTCA 4441 TIGAACCCTGCCGCGAGAGCATAACC TGGTTATCGCTCGCGCAGAGACC 4442 TGTTCTTGCGCGATGAATCAGGACC TGGTCCTATTCATCGCGCAAGAAC 4443 TAGGGTACCTGCAGCTTCGCGT TACCGAGACCTCCT 4444 TACCCTTGCTCCGCCATGTCTCCA TTGAGAGACATGCGCACCGTACAATACCCT 4444 TACCCTTGCTCCGCCATGTCTCCA TTGAGAGACATGGCGGACACGTACCCT 4445 TGGGACAAGGATTGAAGCTGCGCT TGACGCCAGCTTCAATCCTTGTCCC 4446 TTGTCGTCCCCAGGTACCATTG TCAATGGTACTCGGGAGAACGACA 4447 TGTTGTCCCGAGACCATTG TCAATGGTACTCGGGAGCAACGACA 4448 TGCTGGTGAACACTCACGAACCGCT TAGCGGTACCACACACCACCACCACACACACACCACCACACACA	4436	TAACAGTTCCTCTTTTTCCTGGCGC	TGCGCCAGGAAAAAGAGGAACTGTT
4439 TATGGACGGCTTCGCAGTCCTCTT TAAGGAGGACTGCGAAGCCGTCCAT 4440 TTGAACGCTTTCTATGGGCCACGTA TTACGTGGCCCATAGAAAGCGTTCA 4441 TTGAACCCTGCCGCGAGAGCATAACC TGGTTATCGCTCGCGGCAGGGTTCA 4442 TGTTCTTGCGCGATGAATCAGGACC TGGTCCTATTCATCGCGCAAGAAC 4443 TAGGGTACGTCGCAGCTTCGCGT TACGCGAAGCTGCGCACAGAAC 4444 TACCCTTGCTCCGCCATGTCTCTCA TTGAGAGACATGCGCGACACGTACCCT 4444 TACCCTTGCTCCGCCATGTCTCTCA TTGAGAGACATGCGGAGCAAGGGT 4445 TGGGACAAGGATTGAAGCTGGCGTC TGACCCAGCTTCAATCCTTGTCCC 4446 TTGTCGTTCCCCGAGTACCATTG TCAATGGTACTCGGGAGCAAGGACA 4447 TGTTGTCCCGAGACCGTT TGACGCCAGCTTCAATCCTTGTCCC 4448 TGCTGGTGACACACACACCGCT TAGCGGTACCACACACACCACCACACACACGACAC 4449 TGCAGACAGGACACTCACGAACCGCT TAGCGGTTCGTGAGTGTTCACCAGC 4450 TCCCATCAACAACGTGGCGCAAT 4451 TGCTTCTACAGCTGGCGACACTT 4452 TGAATGTGTGCCCACCACTCACGACCCC 4453 TCCACCACACAACGTGCCACCACTCTCTGGC 4454 TTTTTACCGACCACTCCATGTCG 4454 TTTTTACCGACCACTCCATGTCGG 4455 TCCACCAGACCTCCATGTCGG 4456 TAGTACACACACGCCTCCATGTCGG 4457 TCCCGCGCACACTCCATGCG 4458 TAGTACACCACGCCCCCCTTGTGCG 4459 TCCACCACCACCCCCCTCCATGTCGG 4450 TCCCACCACCACCCCCCTTGTGCG 4451 TTCCTGTGTGTGTAGCGCCCCC 4452 TGCACTGTAGAACC 4453 TCCACCGCGCACCCCCCCTTGTCG 4454 TTTTTACCGACCACTCCCATGTCGG 4455 TCCACCACCACCACCCCCCTTGTCG 4456 TAGTACACCGGCGCACCCCCC 4457 TCCTGTGTGTGTGAGCGCCCCC 4458 TAGTACACCGGCGCACCCCCC 4459 TCCCACCACACACACACACACACACACACACACACACAC	4437	TCGTCCTCCATGTTGTCACGAACAG	TCTGTTCGTGACAACATGGAGGACG
4440 TTGAACGCTTTCTATGGGCCACGTA 4441 TTGAACCCTGCCGCGAGCGATAACC TGGTTATCGCTCGCGCAGGGTTCA 4442 TGTTCTTGCGCGATGAATCAGGACC TGGTCTGATTCATCGCCCAGAAAC 4443 TAGGGTACGTGCCAGCTTCGCGT TACGCGAAGCTGCGCACACGTACCCT 4444 TACCCTTGCTCCGCCATGTCTCTCA TTGAGAGACATGGCGGACACGTACCCT 4444 TACCCTTGCTCCGCCATGTCTCTCA TTGAGAGACATGGCGGACACGTACCCT 4445 TGGGACAAGGATTGAAGCTGGCGTC TCAATGCTAATCCTTGTCCC 4446 TTGTCGTTGCTCCCGAGTACCATTG TCAATGGTACTCTGGACAACGACA 4447 TGTTGTCCCGAGACCTTTG TCAATGGTACTCTGGACAACACGACA 4448 TGCTGTGACACACCCCT TAGCGGTTCGTGAGTTCACCAGC 4449 TGCAGACAGGCACATTCGTCACCAACCGCT TAGCGGTTCGTGAGTTCACCAGC 4450 TCCCATCACAACGGTGCGACATTT TAAAGTCGCCACTCGTTGTGCC 4451 TGCTTCTACAGCTGGCGTGCAAA TTTTGCACCGATTTGGCCTGTCTGC 4452 TGAATGTTGCCGACACCTTCTAGCC TGCTAGAACGCCACCTCGTTGGAAGCC 4453 TCCAGCGGAAGTTAGAGCTCTGTGG TCCACAGAGCTCTAACATCCGCTGGAACACTTCACACACGAGTTAGAGCCCACTCTAGCACACACGCCACCACCACCACCACCACCACCACCACCA	4438	TTGCGCAGACCTACCTGTCTTTGCT	TAGCAAAGACAGGTAGGTCTGCGCA
4441 TIGAACCTGCCGCAGCGATAACC 4442 TGTTCTTGCGCGATGAATCAGGACC 4443 TAGGGTACGTGCCAGCTTCGCGT 4444 TACCCTTGCTCCGCCATGTCTCCA 4444 TACCCTTGCTCCGCCATGTCTCCA 4445 TGGGACAAGGATTGAACCTGCGGT 4446 TGGGACAAGGATTGATCAGGACC 4446 TGTGTGTTGCTCCCGAGTACCATTG 4447 TGTTGTTGCTCCCGAGTACCATTG 4448 TGCTGGTGAACACTTGTCACC 4449 TGTGTGCTCCGAGTACCATTG 4440 TGTGTGTCCCGAGTACCATTG 4441 TGTGTTTGCTCCCGAGTACCATTG 4442 TGTTGTCCCGAGACACCATTG 4443 TGCTGGTGAACACTCACGACCCGCT 4444 TGTGTGTCCCGAGACCATTCACCAACCGCT 4445 TGCTGGTGAACACTCACGAACCGCT 4446 TGCTGGTGAACACTCACGAACCGCT 4447 TGTTGTCCCGAGACCGTT 4448 TGCTGGTGAACACTCACGAACCGCT 4449 TGCCAGACAGGGCAAATCGGTGCAAA 4449 TGCCAGCACAACGGCGCACATTT 4450 TCCCATCACAACGAGTGGCGACTTT 4451 TGCTTCTACAGCTGGCGTGCTAGCG 4452 TGAATGTGTGCCGACCATTCTAGCC 4453 TCCAGCGGAAGTTAGAGCTCTGTGG 4454 TTTTTTACCGACCACTCCATGTGGG 4454 TGCTAGCACCACTCCATGTGGG 4455 TGCGGCTATGTGACCCTTCAGCC 4456 TAGTACACGGGCGTGTTAGCGCTCC 4457 TTCCTGTGTGGTGGCGCCCACCTTCCACC 4458 TCCAACCAGCGCGTGTTAGCGCTCC 4457 TTCCTGTGTGGTGGCGCACCTCCCAC 4458 TCCAACTAACCAATCGCGCGGATGA 4459 TAGTACACCAGGCGGAGTAA 4460 TCATCTTTCGCGGAGCTTATTTGCGC 4460 TCATCTTTCGCGGAGTTTATTGCG 4461 TCTTCGTCGGGAGTTTATTGCGG 4462 TCCACCAAAACGTGGGCCCAAAACTG 4463 TCCCACCAAACGGCCGGAAGAA 4464 TAGGAGACATACGCCCAAATGGTG 4466 TCTCTTTGAGACCCCAAAACGTTCCTCCT 4467 TGCCAGCAAAACGTGGGCCCAAAATTGTCCGCTGGAAAAACTCCCGCAAAAACTGCACCAACAGAACGAAC	4439	TATGGACGGCTTCGCAGTCCTCCTT	TAAGGAGGACTGCGAAGCCGTCCAT
4442 TGTTCTTGCGCGATGATCAGGACC TGGTCCTGATTCATCGCGCAAGAAC 4443 TAGGGTACGTGTCGCAGCTTCGCGT TACGCGAAGCTGCGACACGTACCCT 4444 TACCCTTGCTCCGCCATGTCTCTCA TTGAGAGACATGGCGGAGCAAGGGT 4445 TGGGACAAGGATTGAAGCTGGCGTC TGACGCCAGCTTCAATCCTTGTCCC 4446 TTGTCGTTGCTCCCGAGTACCATTG TCAATGGTACTCGGGAGCAACGACA 4447 TGTTGTCCGAGACGTTTGTGTCAGC TGCTGACACAAACGTCTCGGACAAC 4448 TGCTGGTGAACACTCACGAACCGCT TAGCGGTTCGTGAGTGTTCACCAGC 4449 TGCAGACAGGGCAAATCGGTGCAAA TTTTGCACCGATTTGCCCTGTCTGC 4450 TCCCATCACCAACGAGTGCGAACTTT TAAAGTCGCCACTCGTTGTGATGGG 4451 TGCTTCTACAGCTGGCGTGCTAGCG TCGCTAGCACCACCTTGTTGATGGG 4452 TGAATGTGTGCCGACCATTCTAGCC TGGCTAGCAGCCCACCTGTTTGATAGGC 4453 TCCAGCGGAAGTTAGAGCTCTGTGG TCCACAGAGCGCCAGCTGTAAAAAC 4455 TGCGGCTATGTAGAGCTCTGTGG TCCACAGAGCCTCAACTTCCGCTGG 4454 TTTTTTACCGACCACTCCATGTCGG TCCACAGAGCGTCAACATTCCGCTGG 4455 TGCGGCTATGTGATGACGCCCTAGC TGCTAGGAGGTGGTCAGCACACATTC 4457 TTCCTGTGGTGGAGCACATCCCAC TGTGGGAGCGCCACCACACAGCA 4458 TCCAACTAACCAGCGCCTCCAC TGTGGGAGTGCGCCACCACACAGGA 4459 TAGTACACGGGCGTGTTAGCGCTCC TGGAGCGCTAACACCGCCCGTGTACT 4459 TCCATGTGGTGGCGCACCACCCAC 4460 TCATCTTTCGCGGAGGTTATTCGGG 4461 TCTTCGTCCGGTAGTTAGTGGG 4461 TCTTCGTCCGGTAGTTAGTGGG 4463 TCGCAGAAACGTGCGACAAT 4461 TCTTCGTCCGGTAGTTAGTGGACAAAA 4462 TCTCACGAAAACGTGCGCCCGAAAT 4463 TCGCAGCAAACGTGCGACAAT 4464 TCTTCGTCCGGTAGTTAGTGGACAAAA 4465 TCTCACGAAAACGTGGGCCCAAAAA 4466 TCTCACGAAAACGTGGAAGAATT TATTTCGGGCCCACCACACAGAGA 4461 TCTTCGTCCGGTAGATTTTTTCGGA 4463 TCGCAGCAGCTGAACTCTAGCATTTTTTTTTTTTTTTTT	4440	TTGAACGCTTTCTATGGGCCACGTA	TTACGTGGCCCATAGAAAGCGTTCA
4443 TAGGGTACGTGCGCAGCTTCGCGT TACGCGAAGCTGCGACACGTACCCT 4444 TACCCTTGCTCCGCCATGTCTCTCA TTGAGAGACATGGCGAGCAAGGGT 4445 TGGGACAAGGATTGAAGCTGGCGTC TGACGCCAGCTTCAATCCTTGTCCC 4446 TTGTCGTTGCTCCCGAGTACCATTG TCAATGGTACTCGGGAGCAACGACA 4447 TGTTGTCCCGAGACCGTTTGTGTCAGC TGCTGACACAAAACGTCTCGGACAAC 4448 TGCTGGTGAACACTCACGAACCGCT TAGCGGTTCGTGAGTGTTCACCAGC 4449 TGCAGACAGGGCAAATCGGTGCAAA TTTTGCACCGATTTGCCCTGTCTGC 4450 TCCCATCACAACGAGTGCGAAA TTTTGCACCGATTTGCCCTGTCTGC 4451 TGCTTCTACAGCTGGCGTGCTAGCG TCGCTAGCACCACCTCGTTGTGATGGG 4452 TGAATGTGTGCCGACCATTCTAGCC TGGCTAGAATGGTCGGCACACATTC 4453 TCCAGCGGAAGTTAGAGCTCTGTGG TCCACAGAGCCTCAACTTCCGCTGG 4454 TTTTTTACCGACCACTCCATGTCGG TCCACAGAGCTCTAACTTCCGCTGG 4455 TGCGGCTATGTAGAGCTCTGTGG TCCACAGAGCTCTAACTTCCGCTGG 4456 TAGTACACGGCGGTTTAGCGCTCC TGGAGCCGTCACCACACAGCACACACACACACACACACAC	4441	TTGAACCCTGCCGCGAGCGATAACC	TGGTTATCGCTCGCGGCAGGGTTCA
4444 TACCCTTGCTCCGCCATGTCTCTCA 4445 TGGGACAAGGATTGAAGCTGGCGTC 4446 TTGTCGTTGCTCCCGAGTACCATTG 4446 TTGTCGTTGCTCCCGAGTACCATTG 4447 TGTTGTCCGAGACGTTTGTGTCAGC 4448 TGCTGGTGAACACTCACGAACCGCT 4449 TGCAGACAGGCAAACCGCT 4449 TGCAGACAGGCAAACCGCT 4450 TCCCATCACAAACGGTGGCGACTTT 4451 TGCTTTTACAGCTGGCGTCAAA 4452 TGAATGTTGTCAGC 4453 TCCAGCGGAACCATTCTAGCC 4454 TGCTGGAACACTCACGAACCGCT 4455 TGCAGCACAACGAGTGGCGACTTT 4456 TCCACCACACCACGACCGCT 4451 TGCTTTACAGCTGGCGTGCTAGCG 4452 TGAATGTTGCCCGACCATTCTAGCC 4453 TCCAGCGGAAGTTAGAGCTCTGTGG 4454 TTTTTTACCGACCACTCCATGTCGG 4454 TGCACCACCACCCCATGTCGG 4455 TGCGGCTATGTAGACGCCCTAGCC 4456 TAGTACACCGGCGTGTTAGCGCTCC 4457 TTCCTGTGTGGTGGCGCCCCCCCCCTTGTGGACCCCCCCGCTGTACT 4458 TCCAACTAACCAATCGCGCGGACTAC 4459 TAGTACACCGGCGGACTACCCACC 4459 TAGTACACCGGCGGACTACCCCAC 4459 TAGTGAGTGACCAAGGCACACCCCCAC 4460 TCCACTTCCGCGGAAGCAA 4461 TCTTCGTCGGGTTAGTGGGCACACCCCCCCCCCCCCCCC	4442	TGTTCTTGCGCGATGAATCAGGACC	TGGTCCTGATTCATCGCGCAAGAAC
4445 TGGGACAGGATTGAAGCTGGCGTC TGACGCCAGCTTCAATCCTTGTCCC 4446 TTGTCGTTGCTCCCGAGTACCATTG TCAATGGTACTCGGGAGCAACGACA 4447 TGTTGTCCGAGACCGTTTGTCAGC TGCTGACACAAACGTCTCGGACACAC 4448 TGCTGGTGAACACTCACGAACCGCT TAGCGGTTCGTGAGTGTTCACCAGC 4449 TGCAGACAGGGCAAATCGGTGCAAA TTTTGCACCGATTTGCCCTGTCTGC 4450 TCCCATCACAACGAGTGGCGACTTT TAAAGTCGCCACTCGTTGTGATGGG 4451 TGCTTCTACAGCTGGCGTGCTAGCG TCGCTAGCACGCCAGCTGTAGAAGC 4452 TGAATGTGTGCCGACCATTCTAGCC TGGCTAGAATGGTCGGCACACATTC 4453 TCCAGCGGAAGTTAGAGCTCTGTGG TCCACAGAGCTCTAACTTCCGCTGG 4454 TTTTTTACCGACCACTCCATGTCGG TCCGCACAGTGGAGTGG	4443	TAGGGTACGTGTCGCAGCTTCGCGT	TACGCGAAGCTGCGACACGTACCCT
4446 TTGTCGTTGCTCCCGAGTACCATTG TCAATGGTACTCGGGAGCAACGACA 4447 TGTTGTCCGAGACGTTTGTGTCAGC TGCTGACACACAAACGTCTCGGACACAC 4448 TGCTGGTGAACACTCACGAACCGCT TAGCGGTTCGTGAGTGTTCACCAGC 4449 TGCAGACAGGGCAAATCGGTGCAAA 4450 TCCCATCACAACGAGTGGCGACTTT TAAAGTCGCCACTCGTTTGATGGG 4451 TGCTTCTACAGCTGGCGTGCTAGCG TCGCTAGCACGCCAGCTGTAGAAGC 4452 TGAATGTGTGCCGACCATTCTAGCC TGGCTAGCACGCCAGCTGTAGAAGC 4453 TCCAGCGGAAGTTAGAGCTCTGTGG TCCACAGAGGCTCAACTTC 4453 TCCAGCGGAAGTTAGAGCTCTGTGG TCCACAGAGCTCTAACTTCCGCTGG 4454 TTTTTTACCGACCACTCCATGTCGG TCCGACATGGAGTGGTGAAAAA 4455 TGCGGCTATGTAGAGCCTAGC TGCTAGCACGCCGTGTAAAAA 4456 TAGTACACGGGCGTGTTAGCGCTCC TGGAGCGCTCATCACATAGCCGC 4456 TAGTACACGGGCGTGTTAGCGCTCC TGGAGCGCTAACACGCCCGTGTACT 4457 TTCCTGTGTGGTGGCGCACTCCCAC TGTGGGAGTGCGCCACCACACAGGA 4458 TCCAACTAACCAATCGCGCGGATGA TTCATCCGCGCGGATTGGTTAGTTGG 4459 TAGTGAGTGACCAAGGCAGGAGCAA TTTGCTCCTGCCTTGGTCACTCACT 4460 TCATCTTTCGCGGAGTTTATTGCGG TCCGCAATAAACTCCGCGGAAAGATG 4461 TCTTCGTCCGGTTAGTGCGACAGCA TTGCTGCCACTAACCCGCACAAAGATG 4462 TCTCACGAAAACGTGGGCCCGAAAT TATTTCGGGCCCACCACACAGAG 4463 TCGCAGCAGCTGAACTCTAGCATTG TCAATGCTAGCTGCCG 4464 TAGGAGACATACGCCCAAATGGTGC TGCACCATTTTCGTGAG 4465 TATTGAGAACTCTAGCATTG TCAAACCATTTTCGGCG 4466 TCTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	4444	TACCCTTGCTCCGCCATGTCTCTCA	TTGAGAGACATGGCGGAGCAAGGGT
4447 TGTTGTCCGAGACGTTTGTGTCAGC 4448 TGCTGGTGAACACTCACGAACCGCT 4449 TGCAGACAGGGCAAATCGGTGCAAA 4450 TCCCATCACAACAGTGGCGACTT 4451 TGCTTGTACAGCTGGCGTGCTAGCG 4452 TGAATGTGTGCCGGCTGCTAGCG 4453 TCCAGCGGAGTTTCTAGCC 4454 TTTTTTCACAGCTGGCGACCATTCTAGCC 4455 TCCAGCGGAAGTTAGAGCTCTTGTGG 4456 TTTTTTTACCGACCACTCCATTCTAGCC 4457 TTTTTTACCGACCACTCCATTGTCGG 4458 TGCGGCTAGTAGAGCCTCTGTGG 4459 TGCGCCACACCACCCCATTCTAGCC 4451 TTTTTTACCGACCACTCCATTGTCGG 4452 TGCACAGAGCTCTAACTTCCGCTGG 4454 TTTTTTACCGACCACTCCATTGTCGG 4455 TGCGGCTATGTGATGACGGCCCTAGC 4456 TAGTACACGGGCGTGTTAGCGGCTCC 4457 TTCCTGTGTGGTGGCGCACTCCCAC 4458 TCCAACTAACCAATCGCGGGATGA 4459 TAGTGAGTGACCACCCACTCCAC 4450 TCCACCAGAGCTTTAGCGGCTC 4460 TCATCTTTCCGCGAGAGTTATTGCGG 4461 TCTTCGTCCGGTTAGTGCGACCAC 4462 TCTCACGAAAACGTGGGCCCGAAAT 4463 TCGCAGCAGACTCAACCACCACCACACACACACACACACA	4445	TGGGACAAGGATTGAAGCTGGCGTC	TGACGCCAGCTTCAATCCTTGTCCC
4448 TGCTGGTGAACACTCACGAACCGCT 4449 TGCAGACAGGGCAAATCGGTGCAAA 4450 TCCCATCACAACGAGTGGCGACTTT 4451 TGCTTCTACAGCTGGCGTGCTAGCG 4452 TGAATGTGTCCCACCCCTTCTAGCC 4453 TCCAGCGGAAGTTAGAGCTCTTAGCC 4454 TTTTTACAGCTGGCGTGCTAGCG 4454 TTTTTACCGACCACTCCATTCTAGC 4455 TCCAGCGGAAGTTAGAGCTCTGTGG 4456 TAGTACACACGACCACTCCATTCCGC 4457 TTCCTGTGTGATGAGCCTAGCC 4458 TCCAGCGGCACTTCAGCC 4458 TGCGGCTATGTAGAGCCTAGC 4459 TAGTACACCGGCGTGTTAGCGCTCC 4450 TTCCTGTGTGGTGGCGCACACTCCATGCGC 4451 TTCCTGTGTGTGGCGCCCACC 4452 TGCACACACCACTCCATGTCGG 4453 TCCACACACCACCCCCCCC 4454 TTCCTGTGTGGTGGCGCCACCCCCCC 4455 TAGTACACCGGCGCGTTAGCGCTCC 4456 TAGTACACCGGCGCGCACCCCCCC 4457 TTCCTGTTGTGGTGGCGCCCCCCC 4458 TCCAACTAACCAATCGCCGCGATGA 4459 TAGTGAGTGACCAAGGCAGGAGCAA 4459 TAGTGAGTGACCAAGGCAGGAGCAA 4460 TCATCTTTCGCGGAGTTTATTGCGG 4461 TCTTCGTCCGGTTAGTGCGACAGCA 4462 TCTCACGAAAACGTGGGCCCGAAAT 4463 TCGCAGCAGCTGAACTCTAGCATTG 4464 TAGGAGACATACGCCCAAATGGTCC 4465 TATTGAGACCTCTAGCATTG 4466 TCTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	4446	TTGTCGTTGCTCCCGAGTACCATTG	TCAATGGTACTCGGGAGCAACGACA
4449 TGCAGACAGGGCAAATCGGTGCAAA 4450 TCCCATCACAACGAGTGGCGACTTT TAAAGTCGCCACTCGTTGTGATGGG 4451 TGCTTCTACAGCTGGCGTGCTAGCG 4452 TGAATGTGTGCCGACCATTCTAGCC 4453 TCCAGCGGAAGTTAGAGCTCTGTGG 4454 TTTTTTACCGACCACTCCATGTCGG 4454 TTTTTTACCGACCACTCCATGTCGG 4455 TGCGCTAGCACTCCATGTCGG 4456 TAGTACACGGGCGTGTTAGCGCTCC 4457 TTCCTGTGTGTGATGACGCCTCCACTTCACTCCACTACACTACCCGC 4458 TCCAACTAACCAATCGCGCCACCTCCACCACACACGACACTC 4459 TAGTACACCAGTCCACCACTCCACCACCACACACGCACACACA	4447	TGTTGTCCGAGACGTTTGTGTCAGC	TGCTGACACAACGTCTCGGACAAC
4450 TCCCATCACAACGAGTGGCGACTTT TAAAGTCGCCACTCGTTGTGATGGG 4451 TGCTTCTACAGCTGGCGTGCTAGCG TCGCTAGCACGCCAGCTGTAGAAGC 4452 TGAATGTGTGCCGACCATTCTAGCC TGGCTAGAATGGTCGGCACACATTC 4453 TCCAGCGGAAGTTAGAGCTCTGTGG TCCACAGAGCTCTAACTTCCGCTGG 4454 TTTTTTACCGACCACTCCATGTCGG TCCGACATGGAGTGGTCGGTAAAAA 4455 TGCGGCTATGTGATGACGGCCTAGC TGCTAGGCCGTCATCACATAGCCGC 4456 TAGTACACGGGCGTGTTAGCGCTCC TGGAGCGCTAACACGCCCGTGTACT 4457 TTCCTGTGTGGTGGCGCACTCCCAC TGTGGGAGTGCGCCACCACACAGGA 4458 TCCAACTAACCAATCGCGCGGATGA TTCATCCGCGCGATTGGTTAGTTGG 4459 TAGTGAGTGACCAAGGCAGGAGCAA TTTGCTCCTGCCTTGGTCACTCACT 4460 TCATCTTTCGCGGAGTTTATTGCGG TCCGCAATAAACTCCGCGAAAGATG 4461 TCTTCGTCCGGTTAGTGCGACCAGCA TTGCTGCCCCACTAACCGGACGAAG 4462 TCTCACGAAAACGTGGGCCCGAAAT TATTTCGGGCCCACCACGACGAG 4463 TCGCAGCAGCTGAACTCTAGCATTG TCAATGCTAGCTTCAGCTGCG 4464 TAGGAGACATACGCCCAAATGGTGC TGCACCATTTTGGGCGTATCTCCT 4465 TATTGAGAACTCGTGCGGGAGTTTTTTTTTTTTTTTTTT	4448	TGCTGGTGAACACTCACGAACCGCT	TAGCGGTTCGTGAGTGTTCACCAGC
4451 TGCTTCTACAGCTGGCGTGCTAGCG TCGCTAGCAGCCAGCTGTAGAAGC 4452 TGAATGTGTGCCGACCATTCTAGCC TGGCTAGAATGGTCGGCACACATTC 4453 TCCAGCGGAAGTTAGAGCTCTGTGG TCCACAGAGCTCTAACTTCCGCTGG 4454 TTTTTTACCGACCACTCCATGTCGG TCCGACATGGAGTGGTCGGTAAAAA 4455 TGCGGCTATGTGATGACGGCCTAGC TGCTAGGCCGTCATCACATAGCCGC 4456 TAGTACACGGGCGTTTAGCGCTCC TGGAGCGCTAACACGCCCGTGTACT 4457 TTCCTGTGTGGTGGCGCACTCCCAC TGTGGGAGTGGCGCACCACACAGGA 4458 TCCAACTAACCAATCGCGCGGATGA TTCATCCGCGCGATTGGTTAGTTGG 4459 TAGTGAGTGACCAAGGCAGGAGCAA TTTGCTCCTGCCTTGGTCACTCACT 4460 TCATCTTTCGCGGAGTTTATTGCGG TCCGCAATAAACTCCGCGAAAGATG 4461 TCTTCGTCCGGTTAGTGCGACAGCA TTGCTGCGCACTAACCGGACGAAG 4462 TCTCACGAAAACGTGGGCCCGAAAT TATTTCGGGCCCACCACGTTTTCGTGAG 4463 TCGCAGCAGCTGAACTCTAGCATTG TCAATGCTAGAGTTCACCTGCG 4464 TAGGAGACATACGCCCAAATGGTGC TGCACCATTTGGGCGTACTCCT 4465 TATTGAGAACTCGTGCGGGAGGTTTG TCAACCCGCACGAGTTCTCCAT 4466 TCTCTTTGTAGGCCCCAGAGGAGCA TTGCTCCCTCCGGCCTACAAAGAG 4467 TGCCGCAGGGTCGAATTTGGTCTA TTAGACCCATTACCAGGCCCTACAAAGAG 4468 TAAACGCCGCCCTGAACTTTGGTCTA TTAGACCCAATTATCGACCCTGCGGC 4468 TAAACGCCGCCCTGAACTTTGGGCTTAGCTTCCAGGCCGCCTTTTCCTGGGCCTACAAAAGAG TCCGCAGGGTCGATAATTGGTCTA TTAGACCCAATTATCGACCCTGCGGC 4468 TAAACGCCGCCCTGAGACTATTGGGTCTACAATTATCGACCCTGCGGC 4468 TAAACGCCGCCCTGGAACCTTTGGACT TAGTCCCACCGTTCCAGGCAACTCCAG	4449	TGCAGACAGGGCAAATCGGTGCAAA	TTTTGCACCGATTTGCCCTGTCTGC
4452 TGAATGTGTGCCGACCATTCTAGCC TGGCTAGAATGGTCGGCACACATTC 4453 TCCAGCGGAAGTTAGAGCTCTGTGG TCCACAGAGCTCTAACTTCCGCTGG 4454 TITTTTACCGACCACTCCATGTCGG TCCGACATGGAGTGGTCGGTAAAAA 4455 TGCGGCTATGTGATGACGGCCTAGC TGCTAGGCCGTCATCACATAGCCGC 4456 TAGTACACGGGCGTGTTAGCGCTCC TGGAGCGCTAACACGCCCGTGTACT 4457 TTCCTGTGTGGTGGCGCCACCCCAC TGTGGGAGTGCGCACCACACAGGA 4458 TCCAACTAACCAATCGCGCGGATGA TTCATCCGCGCGATTGGTTAGTTGG 4459 TAGTGAGTGACCAAGGCAGGAGCAA TTTGCTCCTGCCTTGGTCACTCACT 4460 TCATCTTTCGCGGAGTTTATTGCGG TCCGCAATAAACTCCGCGAAAGATG 4461 TCTTCGTCCGGTTAGTGCGACAGCA TTGCTGCCACTAACCGGACGAAG 4462 TCTCACGAAAACGTGGGCCCGAAAT TATTTCGGGCCCACGTTTTCGTGAG 4463 TCGCAGCAGCTGAACTCTAGCATTG TCAATGCTAGAGTTCAGCTGCGG 4464 TAGGAGACATACGCCCAAATGGTGC TGCACCATTTGGGCGTATGTCTCCT 4465 TATTGAGAACTCCTGCGGGAGTTTG TCAAACTCCCGCACGAGTTCTCCAT 4466 TCTCTTTGTAGGCCCAGGAGGAGCA TTGCTCCTCTGGGCCTACAAAGAG 4467 TGCCGCAGGGTCGATAATTGGTCTA TTAGACCAATTATCGACCCTGCGGC 4468 TAAACGCCGCCCTGAGACTATTGGG TCCCAATAGTCTCAGGCGCGCGTTTT 4469 TCTGAGTTGCCTGGAACGTTGGACT TAGTCCAACGTTCCAGGCCGCGTTTT 4469 TCTGAGTTGCCTGGAACGTTGGACT TAGTCCAACGTTCCAGGCAACTCAG	4450	TCCCATCACAACGAGTGGCGACTTT	TAAAGTCGCCACTCGTTGTGATGGG
4453 TCCAGCGGAAGTTAGAGCTCTGTGG TCCACAGAGCTCTAACTTCCGCTGG 4454 TTTTTTACCGACCACTCCATGTCGG TCCGACATGGAGTGGTCGGTAAAAA 4455 TGCGGCTATGTGATGACGGCCTAGC TGCTAGGCCGTCATCACATAGCCGC 4456 TAGTACACGGGCGTGTTAGCGCTCC TGGAGCGCTAACACGCCCGTGTACT 4457 TTCCTGTGTGGTGGCGCACTCCCAC TGTGGGAGTGGCCACCACACAGGA 4458 TCCAACTAACCAATCGCGCGGATGA TTCATCCGCGCGATTGGTTAGTTGG 4459 TAGTGAGTGACCAAGGCAGGAGCAA TTTGCTCCTGCCTTGGTCACTCACT 4460 TCATCTTTCGCGGAGTTTATTGCGG TCCGCAATAAACTCCGCGAAAGATG 4461 TCTTCGTCCGGTTAGTGCGACAGCA TTGCTGCCACTAACCGGACGAAG 4462 TCTCACGAAAACGTGGGCCCGAAAT TATTTCGGGCCCACGTTTTCGTGAG 4463 TCGCAGCAGCTGAACTCTAGCATTG TCAATGCTAGAGTTCAGCTGCG 4464 TAGGAGACATACGCCCAAATGGTGC TGCACCATTTGGGCGTATGTCTCCT 4465 TATTGAGAACTCGTGCGGGAGTTTG TCAAACTCCCGCACGAGTTCTCAAT 4466 TCTCTTTGTAGGCCCAGGAGGAGCA TTGCTCCTCCTGGGCCTACAAAGAG 4467 TGCCGCAGGGTCGATAATTGGTCTA TTAGACCAATTATCGACCCTGCGGC 4468 TAAACGCCGCCCTGAGACTATTGGG TCCCAATAGTCTCAGGCGGCGTTTT 4469 TCTGAGTTGCCTGGGAACTATTGGG TCCCAATAGTCTCAGGCGGCGGTTTT 4469 TCTGAGTTGCCTGGGAACTTTGGGTCTCAAGGGCAACTCAGG	4451	TGCTTCTACAGCTGGCGTGCTAGCG	TCGCTAGCACGCCAGCTGTAGAAGC
4454 TTTTTTACCGACCACTCCATGTCGG TCCGACATGGAGTGGTCGGTAAAAA 4455 TGCGGCTATGTGATGACGGCCTAGC TGCTAGGCCGTCATCACATAGCCGC 4456 TAGTACACGGGCGTGTTAGCGCTCC TGGAGCGCTAACACGCCCGTGTACT 4457 TTCCTGTGTGGTGGCGCACTCCCAC TGTGGGAGTGCGCCACCACACAGGA 4458 TCCAACTAACCAATCGCGCGGATGA TTCATCCGCGCGATTGGTTAGTTGG 4459 TAGTGAGTGACCAAGGCAGGAGCAA TTTGCTCCTGCCTTGGTCACTCACT 4460 TCATCTTTCGCGGAGTTTATTGCGG TCCGCAATAAACTCCGCGAAAGATG 4461 TCTTCGTCCGGTTAGTGCGACAGCA TTGCTGCCACTAACCGGACGAAG 4462 TCTCACGAAAACGTGGGCCCGAAAT TATTTCGGGCCCACGTTTTCGTGAG 4463 TCGCAGCAGCTGAACTCTAGCATTG TCAATGCTAGAGTTCAGCTGCCG 4464 TAGGAGACATACGCCCAAATGGTGC TGCACCATTTGGGCGTATGTCTCCT 4465 TATTGAGAACTCGTGCGGGAGGAGCA TTGCTCCTCCGGACGAGTTCTCAAT 4466 TCTCTTTGTAGGCCCAGGAGGAGCA TTGCTCCTCTGGGCCTACAAAGAG 4467 TGCCGCAGGGTCGATAATTGGTCTA TTAGACCAATTATCGACCCTGCGGC 4468 TAAACGCCGCCCTGAGACTATTGGG TCCCAATAGTCTCAGGGCGGCGTTTT 4469 TCTGAGTTGCCTGGAACGTTGGACT TAGTCCAACGTTCCAGGCCACCTCAGGCCACCTCAGGCCCTCAGACCTTTGGGCCTTCCAGGCCGCCGTTTT 4469 TCTGAGTTGCCTGGAACGTTGGACT TAGTCCAACGGTCCAGGCAACTCAG	4452	TGAATGTGCCGACCATTCTAGCC	TGGCTAGAATGGTCGGCACACATTC
TGCGGCTATGTGATGACGGCCTAGC 4456 TAGTACACGGGCGTGTTAGCGCTCC TGGAGCGCTAACACGCCCGTGTACT 4457 TTCCTGTGTGGTGGCGCACTCCCAC TGTGGGAGTGCGCCACCACACAGGA 4458 TCCAACTAACCAATCGCGCGGATGA TTCATCCGCGCGATTGGTTAGTTGG 4459 TAGTGAGTGACCAAGGCAGGAGCAA TTTGCTCCTGCCTTGGTCACTCACT 4460 TCATCTTTCGCGGAGTTTATTGCGG TCCGCAATAAACTCCGCGAAAGATG 4461 TCTTCGTCCGGTTAGTGCGACAGCA TTGCTGTCGCACTAACCGGACGAAG 4462 TCTCACGAAAACGTGGGCCCGAAAT TATTTCGGGCCCACGTTTTCGTGAG 4463 TCGCAGCAGCTGAACTCTAGCATTG TCAATGCTAGAGTTCAGCTGCGC 4464 TAGGAGACATACGCCCAAATGGTGC TCAACCATTTGGGCGTATGTCTCCT 4465 TATTGAGAACTCGTGCGGGAGTTTG TCAAACTCCCGCACGAGTTCTCAAT 4466 TCTCTTTGTAGGCCCAGGAGGAGCA TTGCTCCTCTTGGCCTACAAAGAG 4467 TGCCGCAGGGTCGATAATTGGTCTA TTAGACCCATTATCGACCCTGCGGC 4468 TAAACGCCGCCCTGAGACTATTGGG TCCCAATAGTCTCAGGGCGCGTTT 4469 TCTGAGTTGCCTGGAACGTTGGACT TAGTCCAACGTTCCAGGCAACTCAG	4453	TCCAGCGGAAGTTAGAGCTCTGTGG	TCCACAGAGCTCTAACTTCCGCTGG
TAGTACACGGCGTGTTAGCGCTCC TGGAGCGCTAACACGCCCGTGTACT TTCCTGTGTGGTGGCGCACTCCCAC TGTGGGAGTGCGCCACCACACAGGA TCCAACTAACCAATCGCGCGGATGA TTCATCCGCGCGATTGGTTAGTTGG TAGTGAGTGACCAAGGCAGGAGCAA TTTGCTCCTGCCTTGGTCACTCACT TGTGTGGTGTG	4454	TTTTTACCGACCACTCCATGTCGG	TCCGACATGGAGTGGTCGGTAAAAA
TCCTGTGTGGTGGCGCACTCCCAC TGTGGGAGTGCGCCACCACACAGGA TCCAACTAACCAATCGCGCGGATGA TTCATCCGCGCGATTGGTTAGTTGG TAGTGAGTGACCAAGGCAGGAGCAA TTTGCTCCTGCCTTGGTCACTCACT TCATCTTTCGCGGAGTTTATTGCGG TCCGCAATAAACTCCGCGAAAGATG TCTTCGTCCGGTTAGTGCGACAGCA TTGCTGTCGCACTAACCGGACGAAG TCTCACGAAAACGTGGGCCCGAAAT TATTTCGGGCCCACGTTTTCGTGAG TCGCAGCAGCTGAACTCTAGCATTG TCAATGCTAGAGTTCAGCTGCGC TGCACCATTTGGGCGTAGTTCCTT TATTGAGAACTCGTGCGGAGTTTG TCAAACTCCCGCACGAGTTCTCAAT TCTCTTTGTAGGCCCAGAGTTTG TCAAACTCCCGCACGAGTTCTCAAT TGCCGCAGGGTCGATAATTGGTCTA TTGACCCATTTTGGCCCTACAAAGAG TCTCTTTTGTAGGCCCAGGAGGAGCA TTGCTCCTCTGGGCCTACAAAGAG TGCCGCAGGGTCGATAATTGGTCTA TTAGACCCATTATCGACCCTGCGGC TCCCAATAGTCTCAGGCGGGCGTTTT TAGACCCATTTCCAGGCCGCGTTTT TCCCAATAGTCTCAGGCCGCGCTTTT TCCCAATAGTCTCAGGCCGCCCTTCAGGCCTTCAGGCCTTCAGGCCGCCTTTT TCCCAACGTTCCAGGCCAACTCCAGGCCAACTCAGGCCAACTCAGGCCAACTCAGGCCAACTCAGGCCAACTCAGGCCAACTCAGGCAACTCAGGCAACTCAGGCAACTCAGGCAACTCAGGCAACTCAGGCAACTCAGGCAACTCAGGCAACTCAGGCAACTCAGGCAACTCAGGCAACTCAGGCAACTCAGGCAACTCAGGCAACTCAGGCAACTCAGGCAACTCAGGCAACTCAGGCAACTCAGGCAACTCAGGCAACTCAGGCAACTCAGGCAACTCAGGCAACTCAGGTACAACAGTCCCAGGCAACTCAGGCAACTCAGGCAACTCAGGCAACTCAGGCAACTCAGGCAACTCAGGCAACTCAGGCAACTCAGGCAACTCAGGTACAACAGTTCCAACAGTCCAACAGTCCAACAGTCCAACAGTCCAACACACTCAGGCAACTCAGGTACAACAGTCCAACACTCAGGCAACTCAGGTACAACAGTCCAACACTCAGGCAACTCAGGTACAACAGTCCAACACTCAGGCAACTCAGGTACAACAGTCCAACACTCAGGCAACTCAGGTACAACAGTTCCAACACTCAGGCAACTCAGGTACAACAGTCAACAGTCCAACACTCAGAACACTCAGAACACTCAGAACACTCAGAACAACTCAACAACAACACTCAACAACACTCAACACTCAACAA	4455	TGCGGCTATGTGATGACGGCCTAGC	TGCTAGGCCGTCATCACATAGCCGC
TCCAACTAACCAATCGCGCGGATGA TTCATCCGCGCGATTGGTTAGTTGG TAGTGAGTGACCAAGGCAGGAGCAA TTTGCTCCTGCCTTGGTCACTCACT TCATCTTTCGCGGAGTTTATTGCGG TCCGCAATAAACTCCGCGAAAGATG TCTTCGTCCGGTTAGTGCGACAGCA TTGCTGTCGCACTAACCGGACGAAG TCTCACGAAAACGTGGGCCCGAAAT TATTTCGGGCCCACGTTTTCGTGAG TCGCAGCAGCTGAACTCTAGCATTG TCAATGCTAGAGTTCAGCTGCCG TAGGAGACATACGCCCAAATGGTGC TCACACATTTGGGCGTATGTCTCCT TATTGAGAACTCGTGCGGGAGTTTG TCAAACTCCCGCACGAGTTCTCAAT TATTGAGAACTCGTGCGGGAGGAGCA TTGCTCCTCTGGGCCTACAAAGAG TCTCTTTTGTAGGCCCAGGAGGAGCA TTGCTCCTCTGGGCCTACAAAGAG TGCCGCAGGGTCGATAATTGGTCTA TTAGACCAATTATCGACCCTGCGGC TCCAATAGTCTCAGGGCGGCGTTT TAGACCACGTTCCAGGCCGCCTTT TCCAACTCCCAACGCCCTCAGGCCGCCTTT TTAGACCAATTATCGACCCTGCGGC TCCCAATAGTCTCAGGCCGCGCTTT TCCAACTCCCAACGCTCCAGGCCACTCCAGGCCACTCCAGGCCACTCCAGGCCACCTCCAGGCCCTTCAGGCCCTCCAGGCCACTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCCAGGCCACCTCAGGCCACCTCAGGCCACCTCCAGGCCACCTCAGGCCACCTCAGGCCACCTCAGGCCACCTCAGGCCACCTCAGGCCACCTCAGGCCACCTCAGGCCACCTCAGGCCACCTCAGGCCACCTCAGGCCACCTCAGGCCACCTCAGGCCACCTCAGGCCACCTCAGGCCACCTCAGGCCACCTCAGGCCACCTCAGGCCACCTCAGCCCCCCCC	4456	TAGTACACGGGCGTGTTAGCGCTCC	TGGAGCGCTAACACGCCCGTGTACT
TAGTGAGTGACCAAGGCAGGAGCAA TTTGCTCCTGCCTTGGTCACTCACT TCATCTTTCGCGGAGTTTATTGCGG TCCGCAATAAACTCCGCGAAAGATG TCTTCGTCCGGTTAGTGCGACAGCA TTGCTGTCGCACTAACCGGACGAAG TTGCTGTCGCACTAACCGGACGAAG TCTCACGAAAACGTGGGCCCGAAAT TATTTCGGGCCCACGTTTTCGTGAG TCGCAGCAGCTGAACTCTAGCATTG TCAATGCTAGAGTTCAGCTGCCG TAGGAGACATACGCCCAAATGGTGC TCAACCTCCCGCACGAGTTCTCCT TCAAACTCCCGCACGAGTTCTCAAT TCTCTTTTGTAGGCCCAGGAGGAGCA TTGCTCCTCCTGGGCCTACAAAGAG TCCCGCAGGGTCGATAATTGGTCTA TTAGACCAATTATCGACCCTGCGGC TAGACCCCCCTGAGACTATTGGG TCCCAATAGTCTCAGGCCGCGCGTTT TAGACCAATTATCGACCCTGCGGC TCCCAATAGTCTCAGGGCGGCGTTT TCTGAGTTGCCTGGGAACGTTGGACT TAGTCCAACGTTCCAGGCCAACTCAGG	4457	TTCCTGTGTGGTGGCGCACTCCCAC	TGTGGGAGTGCGCCACACACAGGA
4460 TCATCTTTCGCGGAGTTTATTGCGG TCCGCAATAAACTCCGCGAAAGATG 4461 TCTTCGTCCGGTTAGTGCGACAGCA TTGCTGTCGCACTAACCGGACGAAG 4462 TCTCACGAAAACGTGGGCCCGAAAT TATTTCGGGCCCCACGTTTTCGTGAG 4463 TCGCAGCAGCTGAACTCTAGCATTG TCAATGCTAGAGTTCAGCTGCTGCG 4464 TAGGAGACATACGCCCAAATGGTGC TGCACCATTTGGGCGTATGTCTCCT 4465 TATTGAGAACTCGTGCGGGAGTTTG TCAAACTCCCGCACGAGTTCTCAAT 4466 TCTCTTTGTAGGCCCAGGAGGAGCA TTGCTCCTCTGGGCCTACAAAGAG 4467 TGCCGCAGGGTCGATAATTGGTCTA TTAGACCAATTATCGACCCTGCGGC 4468 TAAACGCCGCCCTGAGACTATTGGG TCCCAATAGTCTCAGGGCGGCGTTT 4469 TCTGAGTTGCCTGGAACGTTGGACT TAGTCCAACGTTCCAGGCCAACTCAG	4458	TCCAACTAACCAATCGCGCGGATGA	TTCATCCGCGCGATTGGTTAGTTGG
4461 TCTTCGTCCGGTTAGTGCGACAGCA TTGCTGTCGCACTAACCGGACGAAG 4462 TCTCACGAAAACGTGGGCCCGAAAT TATTTCGGGCCCACGTTTTCGTGAG 4463 TCGCAGCAGCTGAACTCTAGCATTG TCAATGCTAGAGTTCAGCTGCTGCG 4464 TAGGAGACATACGCCCAAATGGTGC TGCACCATTTGGGCGTATGTCTCCT 4465 TATTGAGAACTCGTGCGGGAGTTTG TCAAACTCCCGCACGAGTTCTCAAT 4466 TCTCTTTGTAGGCCCAGGAGGAGCA TTGCTCCTCTGGGCCTACAAAGAG 4467 TGCCGCAGGGTCGATAATTGGTCTA TTAGACCAATTATCGACCCTGCGGC 4468 TAAACGCCGCCCTGAGACTATTGGG TCCCAATAGTCTCAGGGCGGCGTTT 4469 TCTGAGTTGCCTGGAACGTTGGACT TAGTCCAACGTTCCAGGCAACTCAG	4459	TAGTGAGTGACCAAGGCAGGAGCAA	TTTGCTCCTGCCTTGGTCACTCACT
4462 TCTCACGAAAACGTGGGCCCGAAAT TATTTCGGGCCCACGTTTTCGTGAG 4463 TCGCAGCAGCTGAACTCTAGCATTG TCAATGCTAGAGTTCAGCTGCTGCG 4464 TAGGAGACATACGCCCAAATGGTGC TGCACCATTTGGGCGTATGTCTCCT 4465 TATTGAGAACTCGTGCGGGAGTTTG TCAAACTCCCGCACGAGTTCTCAAT 4466 TCTCTTTGTAGGCCCAGGAGGAGCA TTGCTCCTCTGGGCCTACAAAGAG 4467 TGCCGCAGGGTCGATAATTGGTCTA TTAGACCAATTATCGACCCTGCGGC 4468 TAAACGCCGCCCTGAGACTATTGGG TCCCAATAGTCTCAGGGCGGCGTTT 4469 TCTGAGTTGCCTGGAACGTTGGACT TAGTCCAACGTTCCAGGCAACTCAG	4460	TCATCTTTCGCGGAGTTTATTGCGG	TCCGCAATAAACTCCGCGAAAGATG
4463 TCGCAGCAGCTGAACTCTAGCATTG TCAATGCTAGAGTTCAGCTGCTGCG 4464 TAGGAGACATACGCCCAAATGGTGC TGCACCATTTGGGCGTATGTCTCCT 4465 TATTGAGAACTCGTGCGGGAGTTTG TCAAACTCCCGCACGAGTTCTCAAT 4466 TCTCTTTGTAGGCCCAGGAGGAGCA TTGCTCCTCCTGGGCCTACAAAGAG 4467 TGCCGCAGGGTCGATAATTGGTCTA TTAGACCAATTATCGACCCTGCGGC 4468 TAAACGCCGCCCTGAGACTATTGGG TCCCAATAGTCTCAGGGCGGCGTTT 4469 TCTGAGTTGCCTGGAACGTTGGACT TAGTCCAACGTTCCAGGCAACTCAG	4461	TCTTCGTCCGGTTAGTGCGACAGCA	TTGCTGTCGCACTAACCGGACGAAG
4464 TAGGAGACATACGCCCAAATGGTGC TGCACCATTTGGGCGTATGTCTCCT 4465 TATTGAGAACTCGTGCGGGAGTTTG TCAAACTCCCGCACGAGTTCTCAAT 4466 TCTCTTTGTAGGCCCAGGAGGAGCA TTGCTCCTCCTGGGCCTACAAAGAG 4467 TGCCGCAGGGTCGATAATTGGTCTA TTAGACCAATTATCGACCCTGCGGC 4468 TAAACGCCGCCCTGAGACTATTGGG TCCCAATAGTCTCAGGGCGGCGTTT 4469 TCTGAGTTGCCTGGAACGTTGGACT TAGTCCAACGTTCCAGGCAACTCAG	4462	TCTCACGAAAACGTGGGCCCGAAAT	TATTTCGGGCCCACGTTTTCGTGAG
4465 TATTGAGAACTCGTGCGGGAGTTTG TCAAACTCCCGCACGAGTTCTCAAT 4466 TCTCTTTGTAGGCCCAGGAGGAGCA TTGCTCCTCCTGGGCCTACAAAGAG 4467 TGCCGCAGGGTCGATAATTGGTCTA TTAGACCAATTATCGACCCTGCGGC 4468 TAAACGCCGCCCTGAGACTATTGGG TCCCAATAGTCTCAGGGCGGCGTTT 4469 TCTGAGTTGCCTGGAACGTTGGACT TAGTCCAACGTTCCAGGCAACTCAG	4463	TCGCAGCAGCTGAACTCTAGCATTG	TCAATGCTAGAGTTCAGCTGCTGCG
4466 TCTCTTTGTAGGCCCAGGAGGAGCA TTGCTCCTCTGGGCCTACAAAGAG 4467 TGCCGCAGGGTCGATAATTGGTCTA TTAGACCAATTATCGACCCTGCGGC 4468 TAAACGCCGCCCTGAGACTATTGGG TCCCAATAGTCTCAGGGCGGCGTTT 4469 TCTGAGTTGCCTGGAACGTTGGACT TAGTCCAACGTTCCAGGCAACTCAG	4464	TAGGAGACATACGCCCAAATGGTGC	TGCACCATTTGGGCGTATGTCTCCT
4467 TGCCGCAGGGTCGATAATTGGTCTA TTAGACCAATTATCGACCCTGCGGC 4468 TAAACGCCGCCCTGAGACTATTGGG TCCCAATAGTCTCAGGGCGGCGTTT 4469 TCTGAGTTGCCTGGAACGTTGGACT TAGTCCAACGTTCCAGGCAACTCAG	4465	TATTGAGAACTCGTGCGGGAGTTTG	TCAAACTCCCGCACGAGTTCTCAAT
4468 TAAACGCCGCCCTGAGACTATTGGG TCCCAATAGTCTCAGGGCGGCGTTT 4469 TCTGAGTTGCCTGGAACGTTGGACT TAGTCCAACGTTCCAGGCAACTCAG	4466	TCTCTTTGTAGGCCCAGGAGGAGCA	TTGCTCCTCGGGCCTACAAAGAG
4469 TCTGAGTTGCCTGGAACGTTGGACT TAGTCCAACGTTCCAGGCAACTCAG	4467	TGCCGCAGGGTCGATAATTGGTCTA	TTAGACCAATTATCGACCCTGCGGC
The first test test test test test test test t	4468	TAAACGCCGCCCTGAGACTATTGGG	TCCCAATAGTCTCAGGGCGGCGTTT
4470 TCGGATGGGTTGCAGAGTATGGGAT TATCCCATACTCTGCAACCCATCCG	4469	TCTGAGTTGCCTGGAACGTTGGACT	TAGTCCAACGTTCCAGGCAACTCAG
	4470	TCGGATGGGTTGCAGAGTATGGGAT	TATCCCATACTCTGCAACCCATCCG

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4471	TCTGACCTTTGGGGGTTAGTGCGGT	TACCGCACTAACCCCCAAAGGTCAG
4472	TGGAAATGAGAACCTTACCCCAGCG	TCGCTGGGGTAAGGTTCTCATTTCC
4473	TAACGCATCGTCCGTCAACTCATCA	TTGATGAGTTGACGGACGATGCGTT
4474	TTGGAGAGAGACTTCGGCCATTGTT	TAACAATGGCCGAAGTCTCTCCA
4475	TTTGCGCTCATTGGATCTTGTCAGG	TCCTGACAAGATCCAATGAGCGCAA
4476	TAGCGCGTTAAAGCACGGCAACATT	TAATGTTGCCGTGCTTTAACGCGCT
4477	TAGCCAGTAAACTGTGGGCGGCTGT	TACAGCCGCCCACAGTTTACTGGCT
4478	TCGACTGATGTGCAACCAGCAGCTG	TCAGCTGCTGGTTGCACATCAGTCG
4479	TGGTTGCTCATACGACGAGCGAGTG	TCACTCGCTCGTCGTATGAGCAACC
4480	TGTCCAACGCGCAACTCCGATTCAA	TTTGAATCGGAGTTGCGCGTTGGAC
4481	TTTGCCGCACCGTCCGTCATCTCAA	TTTGAGATGACGGACGGTGCGGCAA
4482	TAGAACCTCCGCGCCCTCCGTAGTAG	TCTACTACGGAGGCGCGGAGGTTCT
4483	TAAAGGAGCTTTCGCCCAACGTACC	TGGTACGTTGGGCGAAAGCTCCTTT
4484	TAGTGATTGTGCCACTCCACAGCTC	TGAGCTGTGGAGTGGCACAATCACT
4485	TGCGATCGTCGAGGGTTGAGCTGAA	TTTCAGCTCAACCCTCGACGATCGC
4486	TGGGAGACAGCCATTATGGTCCTCG	TCGAGGACCATAATGGCTGTCTCCC
4487	TGAGACGCTGTCACTCCGGCAGAAC	TGTTCTGCCGGAGTGACAGCGTCTC
4488	TCCACCGGTCGCTTAAGATGCACTT	TAAGTGCATCTTAAGCGACCGGTGG
4489	TCGGCATAACGTCCAGTCCTGGGAC	TGTCCCAGGACTGGACGTTATGCCG
4490	TAAGCGGAACGGGTTATACCGAGGT	TACCTCGGTATAACCCGTTCCGCTT
4491	TTGCACACTAGGTCCGTCGCTTGAT	TATCAAGCGACGGACCTAGTGTGCA
4492	TAGGGAACCGCGTTCAAACTCAGTT	TAACTGAGTTTGAACGCGGTTCCCT
4493	TGAATTACAACCACCCGCTCGTGTT	TAACACGAGCGGGTGGTTGTAATTC
4494	TTTCAGTGCTCACGAAGCATGGATT	TAATCCATGCTTCGTGAGCACTGAA
4495	TTTAGTTTGGCGTTGGGACTTCACC	TGGTGAAGTCCCAACGCCAAACTAA
4496	TAATGCGACCTCGACGAGCCTCATA	TTATGAGGCTCGTCGAGGTCGCATT
4497	TCCGAAACCGTTAACGTGGCGCACA	TTGTGCGCCACGTTAACGGTTTCGG
4498	TTAAAGTAACAAGGCGACCTCCCGC	TGCGGGAGGTCGCCTTGTTACTTTA
4499	TTAATGATTTTAGTCGCGGGGTGGG	TCCCACCCGCGACTAAAATCATTA
4500	TGGCTACTCTAAGTGCCCGCTCAGG	TCCTGAGCGGGCACTTAGAGTAGCC
4501	TTGGCGGACGACTCAATATCTCACG	TCGTGAGATATTGAGTCGTCCGCCA
4502	TGGGCGTTAGGCGTAATAGACCGTC	TGACGGTCTATTACGCCTAACGCCC
4503	TGCCACCTTTAGACGGCGGCTCTAG	TCTAGAGCCGCCGTCTAAAGGTGGC
4504	TGAGATGTGTAAACGTGCAGGCACC	TGGTGCCTGCACGTTTACACATCTC
4505	TTAGCTCGTGGCCCTCCAAGCGTGT	TACACGCTTGGAGGGCCACGAGCTA
4506	TGTGTCGGCGCTATTTGGCCTTACC	TGGTAAGGCCAAATAGCGCCGACAC
4507	TCCAGGGAAGCAACTGGTTGCCATT	TAATGGCAACCAGTTGCTTCCCTGG
4508	TTTCCGAAACTAAGCCAGAACCGCT	TAGCGGTTCTGGCTTAGTTTCGGAA

4509 TGCAAACCGGTAACCCGAGACTT 4510 TGCAAATGGCGTCATGCACGAACGT 4511 TAGATACTTTCGCGCCCAGTTTAGG 4512 TAAGATCTCCGGAGCACGT 4512 TAAGATCTCCGGAGCACGTTTAGGG 4513 TGCAAGTGTATCCCACAGTTTAGG 4514 TCCGACAAGGCCTCCCGGCTT 4515 TACGATCGAGCACAGTCCCGGCTT 4516 TCCGACAAGGCCTCAATTCATTCTG 4517 TGCAAGTGTATCGCACAGTGCGATT 4518 TCCGACAAGGCCTCAATTCATTCTG 4516 TATCCCACAGTTTAAGGCGCG 4516 TATCCCAGAGAGCCTCAATTCATTCTG 4517 TGTCACCAGGAGGGAAGTTTCACCC 4518 TTTCCGTCAACTTTAAGGCGCG 4519 TATGCCGGACAGCGGATT 4520 TTGGCCGCACAGTCCACGGAT 4520 TTGGCCGGACACGCATTACACAGGC 4521 TCCTAGCGCAGACCCATTACACAGGC 4522 TTTGGCCGACACCGATTACACAGGC 4523 TGTCTGCCCGACAGCCCTTACACTGCACAGCACACCACCACCACCACCACCACCACCACCACCA			
4511 TAGTACTTTCGCGCCCAGTTTAGGG TCCCTAAACTGGGCGCGAAACTACT 4512 TAAGATCTGCGAGGCATCCCGGCTT TAAGCCGGGATGCCTCCCAGATCTT 4513 TGCAAGTGTATCGCACAGTGCGATT TAATCGCACTGTGCGATACACTTGC 4514 TCCGACAAGGCCTCAATTCATTCTG TCAGAATGAATTGAGGCCTTGTCGG 4515 TGTCTCGTCCAACTTTAAGGCGCG TCGCGCCTTAAAGTTGAGACCGAGAC 4516 TATCCAGAGATCCGTTTTAAGGCGCG TCGCGCCTTAAAGTTGAGACCGAGA 4516 TATCCAGAGATCCGTTTTGCAGCGT TACGCTGCAAAACGGATTCTCTGGAT 4517 TGTCACCAGGAGGGAACTTCACCC TGGGTGAAACTTCCCTCTGGTGAC 4518 TTTCCGTCAGGCGGATCAACGGAAT TATTCCGTTGATCCGCCTGACGGAA 4519 TATGCCGCACACGCATTACACAGGC TGCCTTGATACCCCCTGACCGAA 4520 TTGGGCCGCTTTCATAGA TTCTATGAAAGCCGCCCAAGCGCCCA 4521 TCCTAGCGCGAGACCTTTACTGACCAG TCTGTGAAAGCTCCGCCTAACGGAA 4522 TTTGGCCAGGAAATTAGTCTCAACA 4522 TTTGGCCAGGAAATTAGTCTCAACA 4523 TGTCTGCGGCCGATTACTGACA 4524 TAACTTGCTCATTCTCAAGA TTCTTAGAAAGCCCCAACCGCCCA 4524 TAACTTGCTCATTCTCAAGA TTCTTAGAAAGCCGCCAAC 4525 TACGGCCGGACTTTCATAGA TTCTCAGAACCATCTCCTGGCCAA 4526 TACGGCCTGCGTCACACACTC TCTGCAGAACCATATTCCTGGCCAA 4527 TATACCTCCCGCAGAACCATTCCGTT TAACGGATTGCTCGACAGT 4528 TACGTCAGCGAACCATTCCGTT TAACGGAATGGTCTGACGAGCCT 4529 TTGCTCAATTTGTGCAACAGCCACC TGGTCGTCTGACAACCATTCCTGACGAC 4529 TTGCTCAATTTGTGCAGAACCATTCCCTT TAACGGAATGGTCTGACGAGCCT 4529 TTGCTCAATTTGTGCAGAACCATTCCCTT TAACGGAATGGTCTGCGCAACC 4530 TTTATCGCGAGAACCATTCCCTT TAACGGAATGGTCTGCCGAACCA 4531 TGACCGCACGTGAGTAGTGGAACCATTCCTT TAACGGAATGGTCTGCCGCAAACC 4531 TGACCCCCCCAGATCACTT TAACGGAATGGTTCTCTCGCGATAA 4531 TGACCCCCCCAGATGAGACCATTCCCTT TAACGGAATGGTCTTCTCCCCGAAACCATTTCCTT 4533 TCCAAATATAGCCGCGCGGGAACAT TATGTCTCCACCAAATTTGG 4534 TGCAAACCCTGATTGAATCGTGCCC TGGGCTTTTCCT TAGGAAAGCCCAATGCCCTACCAT 4533 TTAGGTTGCGGAACCATTCCCTT TAGGACACCGGCCTTATTTTGG 4534 TGCAACCCCTGATTGAATCATCAGGGTTTCC TAGGACACCCCTTCCCATT 4533 TCCACACCCCGGAACCATTCCCTT TAGGACACCCCTTCCCATT 4534 TGCACACCCCGACCACTTCCCTTT TAGGACACCCCTTCCCATT 4536 TCCACCCCGAACCATTCACTT TAGGACACCCCTTCCCATTCCATT	4509	TGCAAACCCGGTAACCCGAGAGTTC	TGAACTCTCGGGTTACCGGGTTTGC
4512 TAAGATCTGCGAGGCATCCCGGCTT 4513 TGCAAGTGTATCGCACAGTGCGATT 4514 TCCGACAAGGCCTCAATTCATTCTG 4514 TCCGACAAGGCCTCAATTCATTCTG 4515 TGTCTCGTCTCAACTTTAAGGCGCG 4516 TATCCAGAGATCCGTTTTGCAGCGT 4517 TGTCACCAGGAGGGAAGTTCACCC 4518 TTTCCGTCAGCTTTGACGGT 4518 TTTCCGTCAGCGGATCACTCGGGATCCCTCTGGGAAC 4519 TATGCCGAGCAGGGAACTTCACCC 4520 TTGGGCCGTTTGACAGGAT 4520 TTGGGCCGGTTTCATAGA 4521 TCCTAGCAGGAGGATTTCACCAGG 4521 TCCTAGCAGAACGCATTTCATAGA 4522 TTTGGCCAGGAGACTTTCATAGA 4523 TTTGGCCAGGAGACTTTCATAGA 4524 TAACTTGCTCTATGACAGG 4524 TAACTTGCCATTCATAGA 4525 TACGTCAGCAGATTTCACAGG 4526 TACGGCCGACTTGCTATGAT 4527 TATACCTCAGCAGATTTCCACAGT 4528 TACGTCAGCAGATTTCCACAGT 4529 TACGTCAGCAGATTTCCACAGT 4520 TTTGGCCAGGACATTTCCACAGT 4521 TCCTAGCGCGACATTTCATAGA 4522 TTTTGGCCAGGACATTTCCACAG 4522 TTTTGGCCAGGACATTTCCATAGA 4523 TGTCTGCGGCCGACTTGCTATGCAT 4524 TAACTTGCTCATTCCAAGCCGACT 4525 TACGTCAGCGATTTCCAAGCCAGT 4526 TACGGCCTGCGTCAGCACATTCCATT 4527 TATACCTCCGCAGAACCATTCCCTT 4528 TAGTTCCGCGCAGAACCATTCCCTT 4529 TTGCTCAACTTTCAGACACATCCCTT 4529 TTGCTCAACTTTCCAGCCAGT 4520 TTGCTCAGCAGAACCATTCCCTT 4520 TTGCTCACCAGAACCACTTCCCTT 4521 TACGTCAGCGAGACACCCGATTCCCTT 4522 TATGCTCCGCAGAACCATTCCCTT 4523 TAGTTCAGCGGTCCCACAGATACATT 4524 TAACTTCCGCGAGAACCATTCCCTT 4525 TACGTCAGCGAGACAACCCCTTCCTT 4526 TACGGCCTGCGTCAGCAACAACCCC 4527 TATACCTCCGCAGAACCATTCCCTT 4528 TAGTTCAGCGGTCCCACAGATACATC 4529 TTGCTCAAATTTGGCAGAAACCACC 4530 TTTTTCGCGAGAAGACACCCTTCCTT 4529 TTGCTCAAATTTGCCCCCAGATCACTT 4529 TTGCTCAACTATTACTCCCCC 4531 TGCAAACCCTGATTGATCTCCT 4532 TATGGTAGGGGCATTGGGCTTTCCT 4533 TCCAAATTTAGCCGCGGGGAACAT 4534 TCCACACCTGATTGATCTTCCT 4536 TCCACCCGACAGCGCTTGGCCTTTCCT 4537 TACGAGCACTGATAGATAT 4538 TCCACACCTGATGACTATT 4539 TTGCTCACCTGAAGCACTCTT 4539 TTGCTCACCTGAAGCACTTTTACG 4530 TTGATCCCGGACCACTTCCTT 4530 TTGCTCACTACCCCGACCGCTGACCTTT 4530 TTGATCCCGGACCGCTGGACTTTT 4540 TGGCCCCGACACTCACTAGT 4551 TGGCCCCGACACTACCAGGTTTTCCT 4552 TACGGCCCCACACTACCAGGCTTCCTTTCCCCCTTAGCCGCCTTCCGTTTCCCCTTAGCCCCCTTCCGGATTTTC 4541 TGGCCCCCGACACTACAGGATATT	4510	TGCAAATGGCGTCATGCACGAACGT	TACGTTCGTGCATGACGCCATTTGC
4513 TGCAAGTGTATCGCACAGTGCGATT TAATCGCACTGTGCGATACACTTTGC 4514 TCCGACAAGGCCTCAATTCATTCTG TCAGAATGAATTGAGGCCTTGTCGG 4515 TGTCTCGTCTCAACTTTAAGGCGCG TCGCGCCTTAAAGTTGAGACGAGAC	4511	TAGTACTTTCGCGCCCAGTTTAGGG	TCCCTAAACTGGGCGCGAAAGTACT
4514 TCCGACAAGGCCTCAATTCATTCTG TCAGAATGAATTGAGGCCTTGTCGG 4515 TGTCTCGTCTCAACTTTAAGGCGCG TCGCGCCTTAAAGTTGAGACGAGAC	4512	TAAGATCTGCGAGGCATCCCGGCTT	TAAGCCGGGATGCCTCGCAGATCTT
4515 TGTCTCGTCTCAACTITAAGGCGCG TCGCGCCTTAAAGTTGAGACGAGAC 4516 TATCCAGAGATCCGTTTTGCAGCGT TACGCTGCAAAACGGATCTCTGGAT 4517 TGTCACCAGGAGGGAAGTTCACCC TGGGTGAAACTTCCCTCCTGGTGAC 4518 TTTCCGTCAGGCGGATCAACGGAAT TATTCCGTTGATCCGCCTGACGGAA 4519 TATGCCGGACACGCATTACACAGGC TGCCTGTGATATCCGCCTGACGGAA 4519 TATGCCGGACACGCATTACACAGGC TGCCTGTGATATCCGCCCTGACGGAA 4520 TTGGGCCGGTTGCGCGTTTCATAGA 4521 TCCTAGCGCGAGCTTTACTACACAG 4521 TCCTAGCGCGAGATTATCACACAG TCTGGTCAGTAAAGCTCGCCCAA 4522 TTTGGCCAGGAATATGGTCTCGAGA TCTGGTCAGTAAAGCTCGCGCTAGG 4524 TAACTTGCTCATTCCAAGCCGACG TCGTCAGTAAAGCTCGCGCCAA 4525 TGCTCAGCGACTTGCTATGCAT TATGCATAGCAAGTCGGCCCAAC 4526 TACGTCAGCGATTGTGACACG TCGTCGGCTTAGAACTCGCGCCAGAC 4527 TATACCTCCGCAGAACATTCCGTT TAACGGAACCATTCTGCGACGT 4528 TAGTTCGCGAGAACCATTCCGTT TAACGGAATGGTTGACGACGGACCGT 4529 TTGCTCAATTTTGCAAGACCATTCCTT TAACGGAATGGTTCACGAGAGCCGT 4529 TTGCTCAATTTTGCAGAAAAACGCC TGGCGTTTTTCTCAAGCCAGAACATTCACTT 4529 TTGCTCAATTTTGTGAGAAAAACGCC TGGCGTTTTCTCACGCACAAATTGAGCA 4530 TTTATCGCGAGAGACACTCCTT TAACGGAATGGTCTCCCCACAAATTGAGCA 4531 TGACCCCGAGAGACACTGCTTC TAACGGAATGGTCTCTCCCCGCATAAA 4531 TGACCCCGAGAGACACTCCTT TAACGGAATGCTCTCTCCCCGCATAA 4532 TATGTTAGGAGAAAACGCC TGGCGTTTTCCT TAGGAAAGCCCAATTCCACTCACCAT 4533 TCCAAATATAGCCGCGGAGAACA TATTCTCCCCCCACATTCCCAT 4534 TGCAAACCCTGATTGAATCCTC TAACGGACCGTTCCCCCCACT 4535 TACGGCGCCTGAAACCATTGCGCT TAACGGACCGCCCCCACACT 4536 TCCACCCCGACAGCCTTGAACCCATTTCCT TAACGACACCCTAACTCACCACT 4537 TACGAGCACTGAAGCCTATTACTT TAAGAGACCCCAATTCACCCCTACCAT 4538 TCATATCAGCGCGGAAACAT TATTCTCCCGCCGCGGCTATATTTGG 4539 TTACCTCCCGACAGCCTTGACCCCT TAACGCACGCCTTCCACTACTCACCGCCCCGCACCCCCACACTACCACACTACCACTACTCACCCCCCACACCCCCC	4513	TGCAAGTGTATCGCACAGTGCGATT	TAATCGCACTGTGCGATACACTTGC
4516 TATCCAGAGATCCGTTTTGCAGCGT TACGCTGCAAAACGGATCTCTGGAT 4517 TGTCACCAGGAGGAAGTTTCACCC TGGGTGAAACTTCCCTCCTGGTGAC 4518 TTTCCGTCAGGCGGATCAACGGAAT TATTCCGTTGATCCGCCTGACGAA 4519 TATGCCGGACACGCATTACACAGGC TGCCTGTAATGCGTGTCCGGCAT 4520 TTGGGCCGCTTGACCAGG TCTATGAAAGCGCCAAGCGGCCCA 4521 TCCTAGCCGAGCTTTACTACACAG TCTGGTCAGTAAAGCTCCGCGTAGG 4522 TTTGGCCAGGAATATGGTCTCGAGA TCTGGTCAGTAAAGCTCCGCGCAGA 4523 TGTCTGCGGACATTGCTATGACA TCTGGACAATATTCCTGGCCAA 4524 TAACTTGCTCATTCCAAGCCGACG TCGTCGGCTTGAGAAAGCTCGCGCAGAC 4525 TACGTCAGTCTCTCAAGCCGACG TCGTCGGCTTGAGAAATCGCCCAGAAC 4526 TACGGCCTGCTCATTCCCAGCCGACG TCGTCGGCTTGAGAAATCGCTGACGT 4527 TATACCTCCGCAGAACCATTCCGTT TAACGAATGGTCTGCGCAGACT 4528 TAGTTCGCGGTCAGCACATTCCGTT TAACGGAATGGTTCTGCGGAGGTAT 4529 TTGCTCAATTTGTCAGACACAACCCC TGGCGTTTTTCCACACAATTGACAA 4530 TTTATCGCGAGAAAAACGCC TGGCGTTTTTCCACACAAATTGAGCA 4531 TGACCGAGAGACCATTCCGTT TAAGTGAATCCTTGCGGAACAATTGAGCA 4531 TGACCGAGAGACACATCCCTT TAAGTGAATCCTGCGGAGACCAT 4532 TATGGTAGGAGAAAACGCC TGGCGTTTTTCCCACACACAATTGAGCA 4533 TCCAAATATAGCCGCGCGGAACCATTCCCTT TAGGACACGGTCGTCCTCCCGCGATAA 4531 TGACCGCACGTGAGTAGTGGAAGCG TCGCTTCCACTACTCACGCTCCGATAA 4531 TGACGCGACGTAGGTGGAAGCG TCGCTTCCACTACTCACGCTCCGATAA 4531 TGACGCGACGTAGGTGGAAGCG TCGCTTCCCTCCCGCGCGCTAATTTTGG 4532 TATGGTAGGGGCATTGGGCTTTCCT TAGGAAAGCCCAATGCCCCTACCAT 4533 TCCAAAATATAGCCGCGCGGAGACAT TATGTCTCCGCGCGGGTTATTTTGG 4534 TGCAAACCCTGATTGAATCGTGCCC TGGGACACTAATCACACGCCTTACCAT 4535 TACGACACCCTGATTGAATCGTGCCC TGCGAGACCCTACATCACACGCCTTACCATTCACCCCTACCAT 4536 TCCACCCCGACAGCGCTGGACTCTT TAAGAGTCCAGCGCTTCAGTGCTCGT 4537 TACGAGCACTGAAGACCATGGG TCCCATCAGACGACCCTTAATTTTGG 4538 TCCAACCCTGAATGAACACACTGGG TCCCATCCAGTTCAGCGCCCTACCAT 4539 TGCCCCCGACAGCGCTGGACTCTT TAAGAGTCCAGCCCTTCAGTGCTCGT 4538 TCCAACCCCGGACAGCACTAACCACTCCGGACCTAATT TATGTCTCAGCACAACCCCTGATTTG 4539 TTGATCCCCGACAGCACATAACACACCCTTAACTTACG 4540 TGGCCCCGACACTACAGGGAAAATTA TATTATCCCTGTAGTGCCCCTGGAGCC 4541 TGGCTCCAGGGCGAAAATTA TATTATTCCACCCTGTAGGCCC 4542 TCAAAATCCGATGGGCGAAAATTA TATTATCCCCCATCGGATTTG 4544 TTAGCTTTCCCCCGATGGGCCAAATTA TATTATCCCCCATCGGGCCCAACAC	4514	TCCGACAAGGCCTCAATTCATTCTG	TCAGAATGAATTGAGGCCTTGTCGG
4517 TGTCACCAGGAGGAAGTTTCACCC TGGGTGAAACTTCCCTCCTGGTGAC 4518 TTTCCGTCAGGCGGATCAACGGAAT TATTCCGTTGATCCGCCTGACGGAA 4519 TATGCCGGACACGCATTACACAGGC TGCCTGTGATGCGCTGCGC	4515	TGTCTCGTCTCAACTTTAAGGCGCG	TCGCGCCTTAAAGTTGAGACGAGAC
4518 TTTCCGTCAGGCGGATCAACGGAAT TATTCCGTTGATCCGCCTGACGGAA 4519 TATGCCGGACACGCATTACACAGGC TGCCTGTGATGCGCTGTCCGGCAT 4520 TTGGGCCGCTTGGCGCTTTCATAGA TTCTATGAAAAGCCCCAAGCGGCCCA 4521 TCCTAGCGCAGACTTTACTGACCAG TCTGGTCAGTAAAGCTCGCGCTAGG 4522 TTTGGCCAGGAATATGGTCTCGAGA TTCTCGAGACCATATTCCTGGCCAA 4523 TGTCTGCGGCCGACTTGCTATGCAT TATGCATAGCAAGTCGGCCGCAGAC 4524 TAACTTGCTCATCCAAGCCGACG TCGTCGGCTTGAGAATGAGCAAGTT 4525 TACGTCAGCGATTGTGGCGAAATAT TATATTTCGCCACAAATCGCTGACGT 4526 TACGCCTGCGTCAGCACAATCATT 4527 TATACCTCCGCAGAACCATTCCGTT TAACGGAATGGTTCTGCGGAGGTAT 4528 TAGTTCGCGGTCCCACGATTCACTT TAACGGAATGGTTCTGCGGAGGTAT 4529 TTGCTCAATTTGTGCAGAAAACGCC TGGCGTTTTCTGCACAAAATTGAGCA 4530 TTTATCGCGAGAAGACACTCCGTT TAACGGAATGGTCTCTCGCGAAAC 4531 TGACGCCACGTGAGAAAACGCC TGGCGTTTTCTGCACAAAATTGAGCA 4532 TATGGTAGGGGCAGATGGAAAACGCC TGGACACGTCTCTCTCGCGATAA 4533 TCCAAATATAGCCGCGGAGACAT TATGTCTCCACTACTCACGTCGGTC 4533 TCCAAATATAGCCGCGCGGAGACAT TATGTCTCCCGCGGCGCTATATTTGG 4534 TGCAAACCCTGATTGAATCGTGCCC TGGGCACGTTCACCAT 4535 TTAGCGTCTTGCATGAAACCATGGG 4536 TCCAACACCTGATTGAATCGTGCCC TGGGCACGTTCACCAT 4537 TACGAGCACCTGATTGAATCGTGCCC TGGGCACGTTCACCATATTTTGG 4536 TCCACCCCGACAGCGCTGACTTTACT TAAGAGTCCAGCGCTTCACGGTTGC 4537 TACGAGCACTGAAACCATGGG TCCCCTACACGTTCACGTTCACGCACAGACGCTA 4538 TCCAAATATAGCCGCGCGGAACAT TATGTCTCCGCGCGGCTATATTTGG 4539 TTGACCCCGACAGCGCTTTACCT TCCACACACCCCTTACCGTTCACTACACCACACC	4516	TATCCAGAGATCCGTTTTGCAGCGT	TACGCTGCAAAACGGATCTCTGGAT
4519 TATGCCGGACACGCATTACACAGGC TGCCTGTATATGCGTGTCCGGCAT 4520 TTGGGCCGCTTGGCGCTTTCATAGA TTCTATGAAAGCGCCAAGCGGCCCA 4521 TCCTAGCGCAGCTTTACTGACCAG TCTGGTCAGTAAAGCTCGCGCTAGG 4522 TTTGGCCAGGAATATGGTCTCGAGA TTCTCGAGACCATATTCCTGGCCAA 4523 TGTCTGCGGCCGACTTGCTATGCAT TATGCATAGCAAGTCGGCCGCAGAC 4524 TAACTTGCTCATTCTCAAGCCGACG TCGTCGGCTTGAGAATGAGCAAGTT 4525 TACGTCAGCGATTGTGGCGAAATAT TATATTTCGCCACAATCGCTGACGT 4526 TACGGCCTGCGTCAGCACATGCATC TGATGCATGTGTCTGAGAGCCGT 4527 TATACCTCCGCAGAACCATTCCGTT TAACGGAATGGTTCTGCGGAGGTAT 4528 TAGTTCGCGGTCCCACGATTCACTT TAAGGGAATGGTTCTGCGGAGGTAT 4529 TTGCTCAATTTGTGCAGAAAACGCC TGGCGTTTTCTGCACAAAATTGAGCA 4530 TTTATCGCGAGAGACCATGCACT TGAGCACAGTCGCTCTCCGCGATAA 4531 TGACGCGACGTGAGCACAGTGCCC TGGACACGGTCGTCTCTCGCGATAA 4532 TATGGTAGGGGACACGTGTCC TGGACACGGTCGTCTCTCGCGATAA 4533 TCCAAAATATAGCCGCGGGAGACAT TATGTCTCCGCGCGGCCCCACATGCCCTACCAT 4533 TCCAAAATATAGCCGCGGGAGACAT TATGTCTCCGCGCGGCGGTTTGC 4534 TGCAAACCCTGATTGAATCGTGCCC TGGGCACCAATCACGTCGCGTC 4535 TTAGCGTCTTGCGTGAAAACCATGGG TCCCATGGTTTCACGACAGACCCATTATTTTGG 4536 TCCACCCCGACAGGCTGGACACTTT TAAGGAGTCCAGCGCTTAATTTGG 4537 TACGAGCACTGAATCATGGG TCCCATGGTTTCACGCAGAACCCTA 4538 TCAAAATCAGCGTCGACCTTT TAAGAGTCCAGCGCTTCAGTGGTTGC 4538 TCACCCCCGACAGCGCTGGACCTCTT TAAGAGTCCAGCGCTTCAGTGGTTGC 4538 TCACCCCCGACAGCGCTGGACCTCTT TAAGAGTCCAGCGCTTCAGTGCTCGT 4539 TTGCCCCCGACAGCGCTGAACTAAT TATTTACCCCGCAGGCTTCAGGGGTTGC 4531 TACGAGCCCTAAAGCACCACTAAT TATTTCAGCCAGCACCTTCAGTGCCCTACAT 4532 TATGCAGCCCTAAAGCACCACTATTACGTCCCCTAGCCCCTACAGACCCCTACAGACCCCTACAGACCCCTACAGACCCCTACAGACCCCTTCAGCCCCTACAGACCCCTACAGACCCCTACAGACCCCTACAGACCCCTACAGACCCCTACAGACCCCTACAGACCCCTACAGACCCCTACAGACCCCTACAGACCCCTACAGACCCCTACAGACCCCTACAGACCCCTACAGACCCCCTACAGACCCCCACCCGGCCCACCCGCCCACCCGCCTACACACCCCCACCCGCCCACCCGCCCACCCGCCCACCCGCCCACCCCACCCCACCCCACCCCACCCCACCCCACCCCACCCC	4517	TGTCACCAGGAGGGAAGTTTCACCC	TGGGTGAAACTTCCCTCCTGGTGAC
4520 TIGGGCCGCTTIGGCGCTTTCATAGA TTCTATGAAAGCGCCAAGCGGCCCA 4521 TCCTAGCGCGAGCTTTACTGACCAG TCTGGTCAGTAAAGCTCGCGCTAGG 4522 TITIGGCCAGGAATATGGTCTCGAGA TTCTCGAGACCATATTCCTGGCCAA 4523 TGTCTGCGGCCGACTTGCTATGCAT TATGCATAGCAAGTCGGCCGCAGAC 4524 TAACTTGCTCATTCTCAAGCCGACG TCGTCGGCTTGAGAATGAGCAAGTT 4525 TACGTCAGCGATTGTGGCGAAATAT TATATTTCGCCACAATCGCTGACGT 4526 TACGGCCTGCGTCAGCACATGCATC TGATGCATGTCTGACGCAGGCCGT 4527 TATACCTCCGCAGAACCATTCCGTT TAACGGAATGGTTCTGCGGAGGTAT 4528 TAGTTCGCGGAGACCATTCCGTT TAACGGAATGGTTCTGCGGAGGTAT 4529 TTGCTCAATTTGTGCAGAAAACGCC TGGCGTTTTCTGCACAAATTGAGCA 4530 TTTATCGCGAGAGACCACTGCCT TGAGACACGGTCGTCTCTGCGGATAA 4531 TGACGCGAGAGACGACCGTGCC TGGACACATGCCCTACCAT 4532 TATGGTAGGGGCATTGGAAGCG TCGCTTCCACTACCACGTCGCGTC 4533 TCCAAATATAGCCGCGGGAGACAT TATGTCTCCACTACCACGTCGCGTC 4534 TGCAAACCCTGATTGAATCGTGCCC TGGGCACGATTCACTTTGG 4534 TGCAAACCCTGATTGAATCGTGCCC TGGGCACGATTCACGGTTTGC 4535 TAGGCACCGTTTGAATCGTGCCC TGGGCACGATTCACGGTTTGC 4536 TCCACCCGACAGGCTGGACACT TATGTCTCCCGCGCGGCTATATTTGG 4537 TACGAGCACTGAAACCATGGG TCCCATGGTTCACGCAGAGCGCTA 4538 TCAACCCTGATTGAATCGTGCCC TGGGCACGATTCACGCAAGACGCTA 4539 TTAGCGTCTTGCGTGAAACCATGGG TCCCATGGTTTCACGCAGAGCGCTGGTTCAGCTCGGT 4538 TCAACCCTGAAGGCTTGAACCATGGG TCCCATGGTTCACGCAGCGCTGATATG 4539 TTGCCCCCGACAGGCTTGAGCTCTTT TAAGAGTCCAGCGCTTCAGTGCTCGT 4539 TGCACCCCGACAGGCTTGAACCATGG TCCCATGGTTCACGCAGCGCTGATATG 4530 TCCACCCCGACAGGCTTGAGCTCATAT TATTAGCTTAGC	4518	TTTCCGTCAGGCGGATCAACGGAAT	TATTCCGTTGATCCGCCTGACGGAA
4521 TCCTAGCGCGAGCTTTACTGACCAG TCTGGTCAGTAAAGCTCGCGCTAGG 4522 TTTGGCCAGGAATATGGTCTCGAGA TTCCTGAGACCATATTCCTGGCCAA 4523 TGTCTGCGGCCGACTTGCTATGCAT TATGCATAGCAAGTCGGCCGAGAC 4524 TAACTTGCTCATCCAAGCCGACG TCGTCGGCTTGAGAATGAGCAAGTT 4525 TACGTCAGCGATTGTGGCGAAATAT TATATTTCGCCACAATCGCTGACGT 4526 TACGGCCTGCGTCAGCACATGCATC TGATGCATGGCTGACGCGGTCGT 4527 TATACCTCCGCAGAACCATTCCGTT TAACGGAATGGTTCTGCGGAGGTAT 4528 TAGTTCGCGGTCCACGATTCACTT TAAGTGAATCGTGGGACCGGAACT 4529 TTGCTCAATTTGTGCAGAAAACGCC TGGCGTTTTCTGCACAAAATTGAGCA 4530 TTTATCGCGAGAGACACCGTGTCC TGGACACGGTCGTCCCGCGATAA 4531 TGACGCGACGAGTAGTGGAAGCG TCGCTTCCACTACTCACGTCGCGTC 4532 TATGGTAGGGGCATTGGCTTTCCT TAGGAAAGCCCAATGCCCCTACCAT 4533 TCCAAATATAGCCGCGCGGGAGACAT TATGTCTCCGCGCGGCTATATTTGG 4534 TGCAAACCCTGATTGAATCGTGCCC TGGGCACGATTCAATCAGGGTTTGC 4535 TTAGCGTCTTGCGTGAAACCATGGG TCCCATGGTTTCACTCACGCAGAGCGCTA 4536 TCCACCCCGACAGCGCTGGACTCTT TAAGAGTCCAGCGCTGCGGTG 4537 TACGAGCACTGAAGCCTTTACG TCCATGGTTTCACGCAAGACGCTA 4538 TCATATCAGCGTCGTCTAGCTCGCG TCCCATGGTTTCACGCAGAGCGCTG 4539 TTGATCCCGGACAGCGCTGGACTCTT TAAGAGTCCAGCGCTGCTCGT 4539 TGATCCCGGACAGCGCTGGACTCTT TAAGAGTCCAGCGCTGCTCGGTTCGT 4539 TGATCCCGGACCGGCTGAACTAAT TATTAGTCTAGCCGGTCCGGGATCA 4540 TGGCCCCGACACTACAGGGTAATCA TTGATTACCCTGTAGTGCCGGGCC 4541 TGGCTCCAGGGCGAGACAAT TATTTCCCCCCTGAGGCCCTGATATTG 4540 TGGCCCCGACACTACAGGGTAATCA TTGATTACCCTGTAGTGCCGGGCCC 4541 TGGCTCCAGGGCGAGAAATTA TATTAGTCTAGCCCCTGGAGCC 4542 TCAAAATCCGATGGGCGAAAATTA TATTAGTCTAGCCCCTTGAGTTCCGGGGCC 4544 TGGCTCCAGGGCGAAAATTA TATTAGTTTCCCCCCTGGAGCC 4544 TCAAAATCCGATGGGCGAAAATTA TATTAGTTTCCGCCCATCGGATTTTG 4545 TCACACGCGCATAGAGGAGCAAACTA TATTTCCGCCCATCGGGCCTGTGGACCC 4544 TTAGCTTAGCCCCGATAGGAGCAAATTA TATTAGCCCCTATGGCCCTTTTGG 4544 TTAGCTATTGCCCCGATAGCAAGCCAATTAGATTTTCCGCCCATCGGGCCAACAAATTA TATTAGTTTCCGCCCATCGGGCCAACAATAGCTAAT TATTAGTTTCCGCCCATCGGGCCAAAATTAG 4545 TCACAGGCGCATAGGGAGCAAACTA TAGCTTGCTCCCTATGCGCCTTGTG 4544 TTAGCTATTGCCCCGGAAAAATTA TATTAGTTTCCGCCCTATGCGCCTGTG 4545 TCACAAGCCGCATAGGGAGCAAACTA TAGCTTGCTCCCTATGGCCCGTACCAACAGCCCTACAAGCCAAGCCAAGCTA TAGCTTGCTCCCTATGGCCCGTACCAAAA	4519	TATGCCGGACACGCATTACACAGGC	TGCCTGTGTAATGCGTGTCCGGCAT
4522 TTTGGCCAGGATATGGTCTCGAGA 4523 TGTCTGCGGCCGACTTGCTATGCAT 4524 TAACTTGCTCATTCTCAAGCCGACG 4524 TAACTTGCTCATTCTCAAGCCGACG 4525 TACGTCAGCGATTGTGCGCGAAATAT 4525 TACGTCAGCGATTGTGGCGAAATAT 4526 TACGGCCTGCGTCAGCACATGCATC 4527 TATACCTCCGCAGAAACCATTCCGTT 4528 TAGTTCGCGGTCAGCACATTCACTT 4529 TTGCTCAATTTGTGCAGAAAACGCC 4530 TTTATCGCCACAAATTGAGCAAATTGAGCAAATTGAGCA 4531 TGACGCGAGAGACCATTCCT 4532 TATGGTAGGGGACGACACGCC 4532 TATGGTAGGAGAAAACGCC 4533 TCCAAATATAGCCGAGAGAAACGCC 4534 TGCAAACCCTGATTCCT 4535 TAGGTAGGGGCACATTCCCT 4536 TCCACACCGAGACCACTGCACT 4537 TAGCGCGACGACACACCGTTCCC 4538 TCCAAAATATAGCCGCGCGGAGACAT 4539 TTAGCGTCTTCCGTGAAACCATT 4536 TCCACCCCGACAGCGCTGGACTCTT 4537 TACGAGCACTGAACCATTGGCCC 4538 TCATATCAGCGTCGTCTAGCTCCT 4538 TCATATCAGCGTCGTCTAGCTCTCT 4539 TTGACCCCGACAGCGCTGACTCTT 4539 TTGACCCCGGACAGCGCTTCAGCTCTCTCAGCGCCTCCATTCATT	4520	TTGGGCCGCTTGGCGCTTTCATAGA	TTCTATGAAAGCGCCAAGCGGCCCA
4523 TGTCTGCGGCCGACTTGCTATGCAT TATGCATAGCAAGTCGGCCGCAGAC 4524 TAACTTGCTCATTCTCAAGCCGACG TCGTCGGCTTGAGAATGAGCAAGTT 4525 TACGTCAGCGATTGTGGCGAAATAT TATATTTCGCCACAATCGCTGACGT 4526 TACGGCCTGCGTCAGCACATGCATC TGATGCATGTGCTGACGCAGT 4527 TATACCTCCGCAGAACCATTCCGTT TAACGGAATGGTTCTGCGGAGGTAT 4528 TAGTTCGCGAGAACCATTCCGTT TAACGGAATGGTTCTGCGGAGGTAT 4529 TTGCTCAATTTGTGCAGAAAACGCC TGGCGTTTCTCTCACAAATTGAGCA 4530 TTTATCGCGAGAACACCCTTCC TGGACACCATCTCCTCGCGATAA 4531 TGACGCGACGAGACCATGCACT TGGACACGGTCGTCTCTCGCGATAA 4531 TGACGCGACGTGAGTAGTGGAAGCG TCGCTTCCACCTACTCACGTCGCGTC 4532 TATGGTAGGGGCATTGGGCTTTCCT TAGGAAAGCCCAATCCCCTACCAT 4533 TCCAAATATAGCCGCGGGAGACAT TATGTCTCCGCGGGCTATATTTGG 4534 TGCAAACCCTGATTGAATCGTGCCC TGGGCACGATTCAATCAGGGTTTGC 4535 TTAGCGTCTTGCGTGAAACCATGGG TCCCATGGTTCACTCAGGGTTTGC 4536 TCCACCCCGACAGCGCTGGACTCTT TAAGAGTCCAGCGCTGTCGGGTG 4537 TACGAGCACTGAAGCACTCTT TAAGAGTCCAGCGCTGCCGT 4538 TCATATCAGCGTCGTCTAACCTCGCG TCGCAAGACCCTCAGTGTCCGT 4539 TTGATCCCGGACCACTCTCT TAAGAGTCCAGCGCTTCAGTGCTCGT 4539 TTGATCCCGGACCAGCGCTTCAGCTCGCG TCGCGAGCCTTCAGTGCTCGT 4530 TGGCCCCGACACCAGCGCTAGACTAAT TATTAGTCTAGCCGGTCCGGGATCA 4540 TGGCCCCGACACTACAGGGTAATCA TTGATTACCCTGTAGTGCCGGGCCC 4541 TGGCTCCAGGGCGAAAATTA TATTAGTCTAGCCGCCCTGGAGCC 4542 TCAAAATCCGATGGGCGAAAATTA TATTAGTTAGCCCCCTTGGGGCCC 4543 TCACACCCCGACACTACAGGGAAAATTA TATTACCCTGTAGTGCCCCTGGAGCC 4544 TGGCTCCAGGGCGAAAATTA TATTACCCTGTAGTGCCCCTGGAGCC 4545 TCACACACCCCGACACTACAGGGAAAATTA TATTACCCTGTAGTGCCCCCTGGAGCC 4541 TGGCTCCAGGGCGAAAATTA TATATTCCCCCCATCGGATTTTG 4543 TCACAAGCGCGAAAATTA TATATTCCCCCCATCGGATTTTG 4544 TTAGCTATTGCCCCGATGGGCAACTACT TAGCTTCCCCCTATGCGCCTTGTG 4544 TTAGCTATTGCCCCGATGGGCTACT TAGCTTCCCCTATGCCCCTACCATGCCCTTGCGCCTACA 4545 TCACACACCCCCATAGCAAACCATCC TCAGCCCATCCAGGGCAATAGCTA 4546 TTAGCTATTGCCCCCATCGGGCAATAGCTA 4547 TCACACACCCCGATAGCAAACCATCC TCAGCCCATCGGGCAATAGCTA 4546 TTAGCTATTGCCCCCATAGCAAACCATCCATCGCCCTACCATCCACCCCATCGGGCAATAGCTA 4547 TTAGCTATTGCCCCCATAGCAAACCACCTACAAGCCAATTCACCCCCATCGGGCAATAGCTA 4547 TTAGCTATTGCCCCATAGCAAACCACCTACCACCCCACC	4521	TCCTAGCGCGAGCTTTACTGACCAG	TCTGGTCAGTAAAGCTCGCGCTAGG
4524 TAACTTGCTCATTCTCAAGCCGACG 4525 TACGTCAGCGATTGTGGCGAAATAT TATATTTCGCCACAATCGCTGACGT 4526 TACGGCCTGCGTCAGCACATGCATC 4527 TATACCTCCGCAGAACCATTCCGTT TAACGGAATGGTCTGCGGAGGTAT 4528 TAGTTCGCGGTCCACGATCACTT TAAGTGAATCGTGGGACCGCGAACT 4529 TTGCTCAATTTGTGCAGAAAACGCC TGGCGTTTTCTGCGGAGACCATTCACTT 4530 TTTATCGCGAGAGACCACTGTCC TGGACACGGTCGTCTCTCGCGATAA 4531 TGACGCGACGTGAGAGACGACCGTGTCC TGGACACGGTCGTCTCTCGCGATAA 4532 TATGGTAGGGGCATTGGGCTTTCCT TAGGAAAGCCCAATGCCCCTACCAT 4533 TCCAAATATAGCCGCGGGAGACAT TATGTCCCCCACACATTTTGG 4534 TGCAAACCCTGATTGAATCGTGCCC TGGGCACGATCAATCACGGTTTCC 4535 TTAGCGTCTTGCGTGAAACCATGG TCCCATGCATTCACGGGTTGC 4536 TCCACCCCGACAGCGCTGGACTCTT TAAGAGTCCAGCAGACGCTA 4537 TACGAGCACTGAAACCATGG TCCCATGGTTTCACGCAAGACCCTA 4538 TCCACCCCGACAGCGCTGGACTCTT TAAGAGTCCAGCGTTCGGGTTGG 4539 TTGATCCCGGACGCTGGACTCTT TAAGAGTCCAGCGCTGCTCGT 4539 TTGATCCCGGACCGCTTAGCTTTACG TCGTAAAGCAGCCTTCAGTGCTCGT 4539 TTGATCCCGGACCGGCTAGACTAAT TATTATCTCAGCGGTCCGGATCA 4540 TGGCCCCGACACTACAGGGTAATCA TTGATTACCCTGTAGTGCTCGT 4541 TGGCTCCAGGGCGAAAATTA TATTAGTCTAGCCGTCCGGGATCA 4542 TCAAAATCCGATGGGCGAAAATTA TATTAGTCTAGCCCCTTGAGCC 4543 TCACAGGCGCAAAATTAGAATG TCATTCATAATCTCGCCCTTGAGCC 4544 TTAGCTATTGCCCCGATGGGCTACT TAGTTTCCTCCCTATGCGCCTTGTG 4545 TCACACGCGGTCCATAGCAAGCTA TTAGTTTCCCCCATGGGCCAATTTTTCG 4546 TCACACGCGGCAAAAATTA TTAATTTTCCGCCCATCGGATTTTTG 4547 TAGCTACTGCCCCAATGGGACCAACTACT TAGTTCCCCCATCGGACCTTTTTTTTTT	4522	TTTGGCCAGGAATATGGTCTCGAGA	TTCTCGAGACCATATTCCTGGCCAA
4525 TACGTCAGCGATTGTGGCGAAATAT TATATTTCGCCACAATCGCTGACGT 4526 TACGGCCTGCGTCAGCACATGCATC TGATGCATGTGTGACGCGCGT 4527 TATACCTCCGCAGAACCATTCCGTT TAACGGAATGGTTCTGCGGAGGTAT 4528 TAGTTCGCGGTCCCACGATTCACTT TAAGTGAATCGTGGGACCGCGAACT 4529 TTGCTCAATTTGTGCAGAAAACGCC TGGCGTTTTCTGCACAAATTGAGCA 4530 TTTATCGCGAGAGACGACCGTGTCC TGGACACGGTCGTCTCTCGCGATAA 4531 TGACGCGACGTGAGTAGTGGAAGCG TCGCTTCCACTACTCACGTCGCGTC 4532 TATGGTAGGGGCATTGGGCTTTCCT TAGGAAAGCCCAATGCCCCTACCAT 4533 TCCAAATATAGCCGCGCGGAGACAT TATGTCTCCGCGCGGGCTATATTTGG 4534 TGCAAACCCTGATTGAATCGTGCCC TGGGCACGATTCAATCAGGGTTTGC 4535 TTAGCGTCTTGCGTGAAACCATGGG TCCCATGGTTTCACGCAAGACGCTA 4536 TCCACCCCGACAGCGCTGGACTCTT TAAGAGTCCAGCGCTGCGGTG 4537 TACGAGCACTGAAGGCTGCTTTTACG TCCATGAGCGCTTCAGTGCTCGT 4538 TCATATCAGCGTCGTCTAGCTCGCG TCGCGAGCCTTCAGTGCTCGT 4539 TTGATCCCGGACCGGCTAGACTAAT TATTAGTCTAGCCGGTCCGGGATCA 4540 TGGCCCCGACACTACAGGGTAATCA TTGATTACCCTGTAGTGCCC 4541 TGGCTCCAGGGCGAAAATTA TATTAGTCTAGCCGGTCCGGGATCA 4542 TCAAAATCCGATGGCGAAAAATTA TTATTTCCGCCCATCGGATTTG 4543 TCACAGGCGCATAGAGGAAAATTA TTAATTTTCCGCCCATCGGATTTG 4544 TTAACTCGATGGCGGAAAAATTA TTAATTTTCCGCCCATCGGATTTTG 4545 TCACAGGCGCATAGGGAGCAAAATTA TTAATTTTCCGCCCATCGGATTTTG 4546 TTAACCCTGTAGGAGCAAAATTA TTAATTTTCCGCCCATCGGATTTTG 4547 TCACAGGCGCATAGGGAGCAAAATTA TTAATTTTCCGCCCATCGGATTTTG 4548 TCACAGGCGCATAGGGAGCAAAATTA TTAATTTTCCGCCCATCGGATTTTG 4549 TCACAGGCGCATAGGGAGCAAAATTA TTAATTTTCCGCCCATCGGATTTTG 4540 TGGCCCCGACACTACAGGGAGCAAAATTA TTAATTTTCCGCCCATCGGACCTACAGCAAATTA TTAATTTTCCGCCCATCGGACCTACAATTAGATTG 4541 TGGCTCCCGATGGGCGAAAAATTA TTAATTTTCCGCCCATCGGACCTACAATTAGATTG 4544 TTAACCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	4523	TGTCTGCGGCCGACTTGCTATGCAT	TATGCATAGCAAGTCGGCCGCAGAC
4526 TACGGCCTGCGTCAGCACATGCATC 4527 TATACCTCCGCAGAACCATTCCGTT 4528 TAGTTCGCGGTCCCACGATTCACTT 4529 TTGCTCAATTTGTGCAGAAAACGCC 4530 TTTATCGCGAGAGCAGTCCC 4531 TGACGCAGAGCAGTCCCT 4532 TATGGTAGGGGGCGGTC 4532 TATGGTAGGGGCGGAAGCG 4533 TCCAAATATAGCCGCGGGGGAGACT 4534 TGCAAACCCTGATTCCT 4535 TAGGCGTCTTCCCC 4536 TCCACCCGGAGAACCATCGCC 4537 TAGCGTCTTGCGTGAAACCATTGGCC 4538 TCCACCCCGACAGCGCTGGCC 4539 TCCACCCCGACAGCGCTGGCC 4530 TTAGCGTCTTGCGTGAACCATGGC 4531 TGCAAACCCTGATTGAATCGTGCCC 4532 TAGGCACCCTGATTGAATCGTGCCC 4534 TGCAAACCCTGATTGAATCGTGCCC 4535 TTAGCGTCTTGCGTGAAACCATGGG 4536 TCCACCCCGACAGCGCTGGACTCTT 4536 TCCACCCCGACAGCGCTGGACTCTT 4537 TACGAGCACTGAAGGCTGCTTTTACG 4538 TCATATCAGCGTCGTCTAGCTCGCG 4539 TTGATCCCGGACCGGCTAGACTATT 4540 TGGCCCCGACACCGCTAGACTAAT 4540 TGGCCCCGACACTACAGGGTAATCA 4541 TGGCTCCAGGGCGAGACTAAT 4542 TCAAAATCCGATGGCGGAAAATTA 4543 TCACAGGCGCATAGGGAGCAAATTA 4544 TTAACTTTCCCCCCATCGGGTTTGC 4544 TCACAGGCGCATAGGGAGCAAATTA 4545 TCACAGGCGCATAGGGAGCAAATTA 4546 TCACCCCGATAGGGAGCAAAATTA 4547 TCACAGGCGCATAGGGAGCAAAATTA 4548 TCACAGGCGCATAGGGAGCAAAATTA 4549 TCACAGGCGCATAGGGAGCAAAATTA 4540 TGGCTCCCGGATGGCCCATCGGGCCCATCGGATTTGCCCCTTGGAGCC 4541 TGGCTCCAGGGCGAAAAATTA 4542 TCAAAATCCGATGGGCGGAAAAATTA 4543 TCACAGGCGCATAGGGAGCAAAATTA 4544 TTAACTTTCCCCCCATCGGGCCAATAGCTA 4545 TTAGCTATTGCCCCGATGGCCTACCT 4546 TTAGCTATTGCCCCGATGGCCTACCA 4547 TAGCTATTGCCCCGATGGCCTACCT 4548 TTAGCTTATTGCCCCGATGGCCCATCGGGCCAATAGCTA 4549 TTAGCTATTGCCCCGATGGCCTACCA 4540 TTAGCTATTGCCCCGATGGCCTACCA 4541 TAGCTATTGCCCCGATGGCCTACCA 4542 TCACAGGCGCATAGGCAAACTCA 4543 TCACAGGCGCATAGCAAACCATCCA 4544 TTAGCTATTGCCCCGATGGCCTACCA 4545 TTAGCTTGCTCCTATGCACCGCGTACCA 4546 TTAGCTTGCTCCCTATGCACCGCGTACCA 4547 TTAGCTTGCTCCCTATGCACCGCGTACCA 4548 TTAGCTTGCTCCCTATGCACCGCGTACCA 4549 TTAGCTTGCTCCCTATGCACCGCGTACCA 4540 TTAGCTTGCTCCTATGCACCGCGTACCA 4541 TTAGCTTGCTCCCTATGCACCGCGTACCA 4541 TTAGCTTGCTCCCTATGCACCGCGTACCA 4541 TTAGCTTGCTCCCTATGCACCGCGTACCA 4541 TTAGCTTTACCCCGGGCAAAATTA 4542 TCAAAATCCGATGGCACAACTAC 4543 TCACACCCCAC	4524	TAACTTGCTCATTCTCAAGCCGACG	TCGTCGGCTTGAGAATGAGCAAGTT
4527 TATACCTCCGCAGAACCATTCCGTT TAACGGAATGGTTCTGCGGAGGTAT 4528 TAGTTCGCGGTCCCACGATTCACTT TAAGTGAATCGTGGGACCGCGAACT 4529 TTGCTCAATTTGTGCAGAAAACGCC TGGCGTTTTCTGCACAAATTGAGCA 4530 TTTATCGCGAGAGACCGTGTCC TGGACACGGTCGTCTCTCGCGATAA 4531 TGACGCGACGTGAGTAGTGGAAGCG TCGCTTCCACTACTCACGTCGCGTC 4532 TATGGTAGGGGCATTGGGCTTTCCT TAGGAAAGCCCAATGCCCCTACCAT 4533 TCCAAATATAGCCGCGCGGAGACAT TATGTCTCCGCGCGGCTATATTTGG 4534 TGCAAACCCTGATTGAATCGTGCCC TGGGCACGATTCAATCAGGGTTTGC 4535 TTAGGGTCTTGCGTGAAACCATGGG TCCCATGGTTTCACGCAAGACGCTA 4536 TCCACCCCGACAGCGCTGGACTCTT TAAGAGTCCAGCGCTGCGGGTGG 4537 TACGAGCACTGAAGGCTGCTTTACG TCGTAAAGCAGCCTTCAGTGCTCGT 4538 TCATATCAGCGTCGTCTAGCTCGCG TCGCGAGCTAACGACGCTGATATG 4539 TTGATCCCGGACCGGCTAGACTAAT TATTAGTCTAGCCGGTCCGGGATCA 4540 TGGCCCCGACACTACAGGGTAATCA TTGATTACCCTGTAGTGTCGGGGCC 4541 TGGCTCCAGGGCGAGATTATGAATG TCATTCATAATCTCGCCCTGGAGCC 4542 TCAAAATCCGATGGGCGAAAATTA TTAATTTTCCGCCCATCGGATTTTG 4543 TCACAGGCGCATAGGGAGCAAAATTA TTAATTTTCCGCCCATCGGATTTTG 4544 TTAGCTATTGCCCCGATGGGCTACT TAGTAGCCCATCGGGCCATAGCTACTAGTGTCCCCTTTTTTTT	4525	TACGTCAGCGATTGTGGCGAAATAT	TATATTTCGCCACAATCGCTGACGT
4528 TAGTTCGCGGTCCCACGATTCACTT TAAGTGAATCGTGGGACCGCGAACT 4529 TTGCTCAATTTGTGCAGAAAACGCC TGGCGTTTTCTGCACAAATTGAGCA 4530 TTTATCGCGAGAGACGACCGTGTCC TGGACACGGTCGTCTCTCGCGATAA 4531 TGACGCGACGTGAGTAGTGGAAGCG TCGCTTCCACTACTCACGTCGCGTC 4532 TATGGTAGGGGCATTGGGCTTTCCT TAGGAAAGCCCAATGCCCCTACCAT 4533 TCCAAATATAGCCGCGCGGAGACAT TATGTCTCCGCGCGCGCTATATTTGG 4534 TGCAAACCCTGATTGAATCGTGCCC TGGGCACGATTCAATCAGGGTTTGC 4535 TTAGCGTCTTGCGTGAAACCATGGG TCCCATGGTTTCACGCAAGACGCTA 4536 TCCACCCCGACAGCGCTGGACTCTT TAAGAGTCCAGCGCTGTCGGGGTGG 4537 TACGAGCACTGAAGGCTGCTTTACG TCGTAAAGCAGCCTTCAGTGCTCGT 4538 TCATATCAGCGTCGTCTAGCTCGCG TCGCGAGCTAGACGACGCTGATATG 4539 TTGATCCCGGACCGGCTAGACTAAT TATTAGTCTAGCCGGTCCGGGATCA 4540 TGGCCCCGACACTACAGGGTAATCA TTGATTACCCTGTAGTGTCGGGGCC 4541 TGGCTCCAGGGCGAAAATTA TATTAGTCTAGCCCGTCCGGGGCC 4542 TCAAAATCCGATGGGCGGAAAATTA TTAATTTTCCGCCCTTGAGCCC 4543 TCACAGGCGCATAGGGAGCAAGCTA TTAATTTTCCGCCCTTGAGCCC 4544 TTAACTTTGCCCCGATGGGCCAAGCTAAT TTAATTTTCCGCCCATCGGATTTTG 4545 TCACAGGCGCATAGGGAGCAAGCTA TTAGCTTGCTCCCTTAGCGCCCTGTG 4546 TTAGCTATTGCCCCGATGGGCCAACCTAACCAAGCCAACCTAAT TTAATTTTCCGCCCATCGGATTTTG 4547 TCACAGGCGCATAGGGAGCAAGCTA TTAGCTTGCTCCCTATGCGCCTGTG 4548 TTAGCTATTGCCCCGATGGGCTACT TAGCTTGCTCCCTATGCGCCTGTG 4541 TTAGCTATTGCCCCGATGGGCTACT TAGCTTGCTCCCTATGCGCCTGTG 4542 TCACAGGCGCATAGGGAGCAAGCTA TTAGCTTGCTCCCTATGCGCCTGTG 4543 TCACAGGCGCATAGGGAGCAAGCTA TTAGCTTGCTCCCTATGCGCCTGTG 4544 TTAGCTATTGCCCCGATGGGCTACT TAGCTTGCTCCCTATGCGCCTGTG 4545 TTGGTACCGCGTCCATAGCAAGTCG TCGACTTTTGCTCCCTATGCGCCTGTACCA	4526	TACGGCCTGCGTCAGCACATGCATC	TGATGCATGTGCTGACGCAGGCCGT
TIGCTCAATTIGTGCAGAAAACGCC TIGGCGTTTTCTGCACAAATTGAGCA TITATCGCGAGAGACGACCGTGTCC TIGGACACGGTCGTCTCTCGCGATAA TGACGCGACGTGAGTAGTGGAAGCG TCGCTTCCACTACTCACGTCGCGTC TAGGAAAGCCCAATGCCCCTACCAT TAGGTAGGGGCATTGGGCTTTCCT TAGGAAAGCCCAATGCCCCTACCAT TAGGTAGGGGCATTGGGCTTTCCT TAGGAAAGCCCAATGCCCCTACCAT TAGGTAGGGGCATTGGATTGG	4527	TATACCTCCGCAGAACCATTCCGTT	TAACGGAATGGTTCTGCGGAGGTAT
TITATCGCGAGAGACGACCGTGTCC TGGACACGGTCGTCTCTCGCGATAA 4531 TGACGCGACGTGAGTAGTGGAAGCG TCGCTTCCACTACTCACGTCGCGTC 4532 TATGGTAGGGGCATTGGGCTTTCCT TAGGAAAGCCCAATGCCCCTACCAT 4533 TCCAAATATAGCCGCGCGGAGACAT TATGTCTCCGCGCGGCGCTATATTTGG 4534 TGCAAACCCTGATTGAATCGTGCCC TGGGCACGATTCAATCAGGGTTTGC 4535 TTAGCGTCTTGCGTGAAACCATGGG TCCCATGGTTTCACGCAAGACGCTA 4536 TCCACCCCGACAGCGCTGGACTCTT TAAGAGTCCAGCGCTGTCGGGGTGG 4537 TACGAGCACTGAAGGCTGCTTTACG TCGTAAAGCAGCCTTCAGTCCGT 4538 TCATATCAGCGTCGTCTAGCTCGCG TCGCGAGCTAGACGACGCTGATATG 4539 TTGATCCCGGACCGGCTAGACTAAT TATTAGTCTAGCCGGTCCGGGATCA 4540 TGGCCCCGACACTACAGGGTAATCA TTGATTACCCTGTAGTTCCGCG TCGAAAATCCCGTCTGGGCCC 4541 TGGCTCCAGGGCGAAAATTA TTAATTTTCCGCCCATCGGATTTTG 4543 TCAAAATCCGATGGGCGGAAAATTA TTAATTTTCCGCCCATCGGATTTTG TCACAGGCGCATAGGGAGCAAGCTA TTAGCTTGCTCCCTATGCGCCTGTG 4544 TTAGCTATTGCCCCGATGGGCTACT TAGTAGCCCATCGGGCCAATAGCTA TTAGTTTCCCCCTATGCGCCTGTG 4545 TTGGTACGCCGTCCATAGCAAGTCG TCGACTTGCTATGGACCGCTTACCAA	4528	TAGTTCGCGGTCCCACGATTCACTT	TAAGTGAATCGTGGGACCGCGAACT
TGACGCGACGTGAGTAGTGGAAGCG TCGCTTCCACTACTCACGTCGCGTC TATGGTAGGGGCATTGGGCTTTCCT TAGGAAAGCCCAATGCCCCTACCAT TCCAAATATAGCCGCGCGGAGACAT TATGTCTCCGCGCGGGGCTATATTTGG TGCAAACCCTGATTGAATCGTGCC TGGGCACGATTCAATCAGGGTTTGC TTAGGCTCTTGCGTGAAACCATGGG TCCCATGGTTTCACGCAAGACGCTA TAGGCTCTTGCGTGAAACCATGGG TCCCATGGTTTCACGCAAGACGCTA TAGAGTCCAGCGCTGTCGGGGTGG TCCACCCCGACAGCGCTGGACTCTT TAAGAGTCCAGCGCTGCTCAGTGCTCGT TAGAGCACTTCAGTGCTCGT TCGCAAGCACTTCAGTGCTCGT TCGCAAGCACTGAAGCACGCTTCAGTGCTCGT TTAGATCCCGGACCGGCTAGACTAAT TATTAGTCTAGCCGGTCCGGGATCA TTGATCCCGGACCACTACAGGGTAATCA TTGATTACCCTGTAGTGTCGGGCC TCAAAATCCGACGGCGGAAAATTA TTAATTTTCCGCCCATCGGATTTTG TCACAGGCGCATAGGGAGCAAGCTA TTAATTTTCCGCCCATCGGATTTTG TCACAGGCGCATAGGGAGCAAGCTA TTAGTTTCCTCCCTATGCGCCTGTG TCACAGCCGCTTAGCCAGCTAGCTAGCTAGCTAGCTAGCT	4529	TTGCTCAATTTGTGCAGAAAACGCC	TGGCGTTTTCTGCACAAATTGAGCA
TATGGTAGGGCATTGGGCTTTCCT TAGGAAAGCCCAATGCCCCTACCAT TCCAAATATAGCCGCGCGGAGACAT TATGTCTCCGCGCGGGCTATATTTGG TGCAAACCCTGATTGAATCGTGCCC TGGGCACGATTCAATCAGGGTTTGC TTAGCGTCTTGCGTGAAACCATGGG TCCCATGGTTTCACGCAAGACGCTA TAGGAGCACTGTTCACTCAGCGCTTTCAGTGCTCAGTGCTCAGTGCTCAGTGCTCAGTGCTCGT TAGAGCACCTGAAGGCTGCTTTACG TCGTAAAGCAGCCTTCAGTGCTCGT TAGAGCACTGAAGCTCGTCTTAGCTCGCG TCGCGAGCTGAAGCACGCTGATATG TTGATCCCGGACCGGCTAGACTAAT TATTAGTCTAGCCGGTCCGGGATCA TTGATCCCGGACCACTACAGGGTAATCA TTGATTACCCTGTAGTGTCGGGGCC TCGCGACCTGAAGCCCC TTGATTACCCTGTAGTGTCGGGCCC TCATTCATAATCTCGCCCTGGAGCC TCATTCATAATCTCGCCCTGGAGCC TCAAAATCCGATGGGCGGAAAATTA TTAATTTTCCGCCCATCGGATTTTG TAGCTATTGCCCCGATGGGCTACT TTAGCTTGCTCCCTATGCGCCTGTG TTAGCTATTGCCCCGATGGGCTACT TAGCTTGCTCCCTATGCGCCTTACCACCACCACCACCACCACCACCACCACCACCACC	4530	TTTATCGCGAGAGACGACCGTGTCC	TGGACACGGTCGTCTCTCGCGATAA
4533 TCCAAATATAGCCGCGCGGAGACAT TATGTCTCCGCGCGGCTATATTTGG 4534 TGCAAACCCTGATTGAATCGTGCC TGGGCACGATTCAATCAGGGTTTGC 4535 TTAGCGTCTTGCGTGAAACCATGGG TCCCATGGTTTCACGCAAGACGCTA 4536 TCCACCCCGACAGCGCTGGACTCTT TAAGAGTCCAGCGCTGTCGGGGTGG 4537 TACGAGCACTGAAGGCTGCTTTACG TCGTAAAGCAGCCTTCAGTGCTCGT 4538 TCATATCAGCGTCGTCTAGCTCGCG TCGCGAGCTGATATG 4539 TTGATCCCGGACCGGCTAGACTAAT TATTAGTCTAGCCGGTCCGGGATCA 4540 TGGCCCCGACACTACAGGGTAATCA TTGATTACCCTGTAGTGTCGGGGCC 4541 TGGCTCCAGGGCGAGATTATGAATG TCATTCATAATCTCGCCCTGGAGCC 4542 TCAAAATCCGATGGGCGGAAAATTA TTAATTTTCCGCCCATCGGATTTTG 4543 TCACAGGCGCATAGGGAGCAAGCTA TTAGCTTGCTCCCTATGCGCCTGTG 4544 TTAGCTATTGCCCCGATGGGCTACT TAGTAGCCCATCGGGCCATAGCTA 4545 TTGGTACGCGGTCCATAGCAAGTCG TCGACTTGCTACCACA	4531	TGACGCGACGTGAGTAGTGGAAGCG	TCGCTTCCACTACTCACGTCGCGTC
TGCAAACCCTGATTGAATCGTGCCC TGGGCACGATTCAATCAGGGTTTGC 4535 TTAGCGTCTTGCGTGAAACCATGGG TCCCATGGTTTCACGCAAGACGCTA 4536 TCCACCCCGACAGCGCTGGACTCTT TAAGAGTCCAGCGCTGTCGGGGTGG 4537 TACGAGCACTGAAGGCTGCTTTACG TCGTAAAGCAGCCTTCAGTGCTCGT 4538 TCATATCAGCGTCGTCTAGCTCGCG TCGCGAGCTAGACGACGCTGATATG 4539 TTGATCCCGGACCGGCTAGACTAAT TATTAGTCTAGCCGGTCCGGGATCA 4540 TGGCCCCGACACTACAGGGTAATCA TTGATTACCCTGTAGTGTCGGGGCC 4541 TGGCTCCAGGGCGAGATTATGAATG TCATTCATAATCTCGCCCTGGAGCC 4542 TCAAAATCCGATGGGCGGAAAATTA TTAATTTTCCGCCCATCGGATTTTG 4543 TCACAGGCGCATAGGAGCAAGCTA TTAGCTTGCTCCCTATGCGCCTGTG 4544 TTAGCTATTGCCCCGATGGGCTACT TAGTAGCCCATCGGGCCATAGCTA 4545 TTGGTACGCGGTCCATAGCAAGTCG TCGACTTGCTATGGACCGCGTACCA	4532	TATGGTAGGGCATTGGGCTTTCCT	TAGGAAAGCCCAATGCCCCTACCAT
TTAGCGTCTTGCGTGAAACCATGGG TCCCATGGTTTCACGCAAGACGCTA 4536 TCCACCCGACAGCGCTGGACTCTT TAAGAGTCCAGCGCTGTCGGGGTGG 4537 TACGAGCACTGAAGGCTGCTTTACG TCGTAAAGCAGCCTTCAGTGCTCGT 4538 TCATATCAGCGTCGTCTAGCTCGCG TCGCGAGCACGCTGATATG 4539 TTGATCCCGGACCGGCTAGACTAAT TATTAGTCTAGCCGGTCCGGGATCA 4540 TGGCCCCGACACTACAGGGTAATCA TTGATTACCCTGTAGTGTCGGGGCC 4541 TGGCTCCAGGGCGAGATTATGAATG TCATTCATAATCTCGCCCTGGAGCC 4542 TCAAAATCCGATGGGCGGAAAATTA TTAATTTTCCGCCCATCGGATTTTG 4543 TCACAGGCGCATAGGGAGCAAGCTA TTAGCTTGCTCCCTATGCGCCTGTG 4544 TTAGCTATTGCCCCGATGGGCTACT TAGTAGCCCATCGGGCAATAGCTA 4545 TTGGTACGCGGTCCATAGCAAGTCG TCGACTTGCTATGGACCGCGTACCA	4533	TCCAAATATAGCCGCGCGGAGACAT	TATGTCTCCGCGCGGCTATATTTGG
4536 TCCACCCGACAGCGCTGGACTCTT TAAGAGTCCAGCGCTGTCGGGGTGG 4537 TACGAGCACTGAAGGCTGCTTTACG TCGTAAAGCAGCCTTCAGTGCTCGT 4538 TCATATCAGCGTCGTCTAGCTCGCG TCGCGAGCTAGACGACGCTGATATG 4539 TTGATCCCGGACCGGCTAGACTAAT TATTAGTCTAGCCGGTCCGGGATCA 4540 TGGCCCCGACACTACAGGGTAATCA TTGATTACCCTGTAGTGTCGGGGCC 4541 TGGCTCCAGGGCGAGATTATGAATG TCATTCATAATCTCGCCCTGGAGCC 4542 TCAAAATCCGATGGGCGGAAAATTA TTAATTTTCCGCCCATCGGATTTTG 4543 TCACAGGCGCATAGGGAGCAAGCTA TTAGCTTGCTCCCTATGCGCCTGTG 4544 TTAGCTATTGCCCCGATGGGCTACT TAGTAGCCCATCGGGCAATAGCTA 4545 TTGGTACGCGGTCCATAGCAAGTCG TCGACTTGCTATGGACCGCTACCA	4534	TGCAAACCCTGATTGAATCGTGCCC	TGGGCACGATTCAATCAGGGTTTGC
4537 TACGAGCACTGAAGGCTGCTTTACG TCGTAAAGCAGCCTTCAGTGCTCGT 4538 TCATATCAGCGTCGTCTAGCTCGCG TCGCGAGCTAGACGACGCTGATATG 4539 TTGATCCCGGACCGGCTAGACTAAT TATTAGTCTAGCCGGTCCGGGATCA 4540 TGGCCCCGACACTACAGGGTAATCA TTGATTACCCTGTAGTGTCGGGGCC 4541 TGGCTCCAGGGCGAGATTATGAATG TCATTCATAATCTCGCCCTGGAGCC 4542 TCAAAATCCGATGGGCGGAAAATTA TTAATTTTCCGCCCATCGGATTTTG 4543 TCACAGGCGCATAGGGAGCAAGCTA TTAGCTTGCTCCCTATGCGCCTGTG 4544 TTAGCTATTGCCCCGATGGGCTACT TAGTAGCCCATCGGGCAATAGCTA 4545 TTGGTACGCGGTCCATAGCAAGTCG TCGACTTGCTATGGACCGCGTACCA	4535	TTAGCGTCTTGCGTGAAACCATGGG	TCCCATGGTTTCACGCAAGACGCTA
4538 TCATATCAGCGTCGTCTAGCTCGCG TCGCGAGCTAGACGACGCTGATATG 4539 TTGATCCCGGACCGGCTAGACTAAT TATTAGTCTAGCCGGTCCGGGATCA 4540 TGGCCCCGACACTACAGGGTAATCA TTGATTACCCTGTAGTGTCGGGGCC 4541 TGGCTCCAGGGCGAGATTATGAATG TCATTCATAATCTCGCCCTGGAGCC 4542 TCAAAATCCGATGGGCGGAAAATTA TTAATTTTCCGCCCATCGGATTTTG 4543 TCACAGGCGCATAGGGAGCAAGCTA TTAGCTTGCTCCCTATGCGCCTGTG 4544 TTAGCTATTGCCCCGATGGGCTACT TAGTAGCCCATCGGGCAATAGCTA 4545 TTGGTACGCGGTCCATAGCAAGTCG TCGACTTGCTATGGACCGCGTACCA	4536	TCCACCCGACAGCGCTGGACTCTT	TAAGAGTCCAGCGCTGTCGGGGTGG
TIGATCCCGGACCGGCTAGACTAAT TATTAGTCTAGCCGGTCCGGGATCA TGGCCCCGACACTACAGGGTAATCA TTGATTACCCTGTAGTGTCGGGGCC TGGCTCCAGGGCGAGATTATGAATG TCATTCATAATCTCGCCCTGGAGCC TCAAAATCCGATGGGCGGAAAATTA TTAATTTTCCGCCCATCGGATTTTG TCACAGGCGCATAGGGAGCAAGCTA TTAGCTTGCTCCCTATGCGCCTGTG TTAGCTATTGCCCCGATGGGCTACT TAGTAGCCCATCGGGCAATAGCTA TTGGTACGCGGTCCATAGCAAGTCG TCGACTTGCTATGGACCGCGTACCA	4537	TACGAGCACTGAAGGCTGCTTTACG	TCGTAAAGCAGCCTTCAGTGCTCGT
4540 TGGCCCGACACTACAGGGTAATCA TTGATTACCCTGTAGTGTCGGGGCC 4541 TGGCTCCAGGGCGAGATTATGAATG TCATTCATAATCTCGCCCTGGAGCC 4542 TCAAAATCCGATGGGCGGAAAATTA TTAATTTTCCGCCCATCGGATTTTG 4543 TCACAGGCGCATAGGGAGCAAGCTA TTAGCTTGCTCCCTATGCGCCTGTG 4544 TTAGCTATTGCCCCGATGGGCTACT TAGTAGCCCATCGGGGCAATAGCTA 4545 TTGGTACGCGGTCCATAGCAAGTCG TCGACTTGCTATGGACCGCGTACCA	4538	TCATATCAGCGTCGTCTAGCTCGCG	TCGCGAGCTAGACGACGCTGATATG
4541 TGGCTCCAGGGCGAGATTATGAATG TCATTCATAATCTCGCCCTGGAGCC 4542 TCAAAATCCGATGGGCGGAAAATTA TTAATTTTCCGCCCATCGGATTTTG 4543 TCACAGGCGCATAGGGAGCAAGCTA TTAGCTTGCTCCCTATGCGCCTGTG 4544 TTAGCTATTGCCCCGATGGGCTACT TAGTAGCCCATCGGGGCAATAGCTA 4545 TTGGTACGCGGTCCATAGCAAGTCG TCGACTTGCTATGGACCGCGTACCA	4539	TTGATCCCGGACCGGCTAGACTAAT	TATTAGTCTAGCCGGTCCGGGATCA
4542 TCAAAATCCGATGGGCGGAAAATTA TTAATTTTCCGCCCATCGGATTTTG 4543 TCACAGGCGCATAGGGAGCAAGCTA TTAGCTTGCTCCCTATGCGCCTGTG 4544 TTAGCTATTGCCCCGATGGGCTACT TAGTAGCCCATCGGGGCAATAGCTA 4545 TTGGTACGCGGTCCATAGCAAGTCG TCGACTTGCTATGGACCGCGTACCA	4540	TGGCCCGACACTACAGGGTAATCA	TTGATTACCCTGTAGTGTCGGGGCC
4543 TCACAGGCGCATAGGGAGCAAGCTA TTAGCTTGCTCCCTATGCGCCTGTG 4544 TTAGCTATTGCCCCGATGGGCTACT TAGTAGCCCATCGGGGCAATAGCTA 4545 TTGGTACGCGGTCCATAGCAAGTCG TCGACTTGCTATGGACCGCGTACCA	4541	TGGCTCCAGGGCGAGATTATGAATG	TCATTCATAATCTCGCCCTGGAGCC
4544 TTAGCTATTGCCCCGATGGGCTACT TAGTAGCCCATCGGGGCAATAGCTA 4545 TTGGTACGCGGTCCATAGCAAGTCG TCGACTTGCTATGGACCGCGTACCA	4542	TCAAAATCCGATGGGCGGAAAATTA	TTAATTTTCCGCCCATCGGATTTTG
4545 TTGGTACGCGGTCCATAGCAAGTCG TCGACTTGCTATGGACCGCGTACCA	4543	TCACAGGCGCATAGGGAGCAAGCTA	TTAGCTTGCTCCCTATGCGCCTGTG
45.40	4544	TTAGCTATTGCCCCGATGGGCTACT	TAGTAGCCCATCGGGGCAATAGCTA
4546 TGACGCTGTGGCTCGGAAACTGTTC TGAACAGTTTCCGAGCCACAGCGTC	4545	TTGGTACGCGGTCCATAGCAAGTCG	TCGACTTGCTATGGACCGCGTACCA
	4546	TGACGCTGTGGCTCGGAAACTGTTC	TGAACAGTTTCCGAGCCACAGCGTC

4547 TCCTGGGTTCGCCGCGTGGTAACTG TCAGTTACCACGCGGCGAA 4548 TTTCCCGCGTAGCCCAACAGCTATA TTATAGCTGTTGGGCTACGC 4549 TTTCGCGGATTGCTGCCGCATAACA TTGTTATGCGGCAGCAATCC 4550 TAAAAATGGCACCGAAGTTGAGGCA TTGCCTCAACTTCGGTGCCA 4551 TCATTCCGCGCGAGTTGAAATCCAG TCTGGATTTCAACTCGCGCC 4552 TACGCACGTTTTTTGGCACGGTTAA TTTAACCGTGCCAAAAAAACCC 4553 TCCTCCATCAACTCACTTCATCACTCC	CGGGAA CGCGAA ATTTTT GGAATG
4549 TTTCGCGGATTGCTGCCGCATAACA TTGTTATGCGGCAGCAATCC 4550 TAAAAATGGCACCGAAGTTGAGGCA TTGCCTCAACTTCGGTGCCA 4551 TCATTCCGCGCGAGTTGAAATCCAG TCTGGATTTCAACTCGCGCC 4552 TACGCACGTTTTTTGGCACGGTTAA TTTAACCGTGCCAAAAAACG	GCGAA ATTTTT GGAATG
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1177.0001.0007.0007.000	
4552 TTOTOOATOAOOTOOTTTOTOTOO	TGCGT
4553 TTGTCCATGACGTCGTTTCTCTGGT TACCAGAGAAACGACGTCAT	rggaca
4554 TTCTCAGTCGGACTCGTATGCCAGA TTCTGGCATACGAGTCCGAC	TGAGA
4555 TCTCCAAACGCACACATCAAGCATC TGATGCTTGATGTGCGTT	TGGAG
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4557 TGGTGTCGGAGGGTGGTGACCTCGA TTCGAGGTCACCACCCTCCC	SACACC
4558 TAGCGCTTTTGGTCATGATTTGCAA TTTGCAAATCATGACCAAAA	GCGCT
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4564 TGCGCCACAAGATTCACATGTCATT TAATGACATGTGAATCTTGTC	3GCGC
4565 TGCCATGTTCAAGGGCCTTTCGAAG TCTTCGAAAGGCCCTTGAAC	ATGGC
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4569 TGGCTATAAACGTGCGGACTGCTCC TGGAGCAGTCCGCACGTTTA	TAGCC
4570 TTGGGTAAATCACTATTGCGCGGTT TAACCGCGCAATAGTGATTT.	ACCCA
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4576 TCATCGTCCCTTTCGATGGGATCAA TTTGATCCCATCGAAAGGGA	CGATG
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4578 TATCATCCCACGGCAGAGTGAAGAG TCTCTTCACTCTGCCGTGGG	ATGAT
4579 TCGCTGGACTGGCCTATCCGAGTCG TCGACTCGGATAGGCCAGTC	CAGCG
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4581 TCGAACGTTCTCCGATGTAATGGCC TGGCCATTACATCGGAGAAC	GTTCG
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4583 TAGCTCATTCCCGAGACGGAACACC TGGTGTTCCGTCTCGGGAAT	GAGCT
4584 TTTTCATGCGGCCGTTGCAAATCAT TATGATTTGCAACGGCCGCA	TGAAA

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4585	TACTCGAACGGACGTTCAATTCCCA	TTGGGAATTGAACGTCCGTTCGAGT
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4587	TCCGCGAGTGTGGATGGCGTGTTGA	TTCAACACGCCATCCACACTCGCGG
4588	TAATGTGTCGGTCCTAAGCCGGGTG	TCACCCGGCTTAGGACCGACACATT
4589	TTAAGACGAGCCTGCACAGCTTGCG	TCGCAAGCTGTGCAGGCTCGTCTTA
4590	TGGCGTGGGAGGATAAGACGATGTC	TGACATCGTCTTATCCTCCCACGCC
4591	TTGCTCCATGTTAGGAACGCACCAC	TGTGGTGCGTTCCTAACATGGAGCA
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4593	TCCGCGCGTATCTATCAGATCTGGG	TCCCAGATCTGATAGATACGCGCGG
4594	TAAAGCATGCTCCACCTGGAGCGAG	TCTCGCTCCAGGTGGAGCATGCTTT
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4596	TTGCTTACGCAGTGGATTGGTCAGA	TTCTGACCAATCCACTGCGTAAGCA
4597	TATGCAGATGAACAAATCGCCGAAT	TATTCGGCGATTTGTTCATCTGCAT
4598	TGCAATTCTGGGCCATGTATTCGTC	TGACGAATACATGGCCCAGAATTGC
4599	TAGGGTTCCTTACGCGTCGACATGG	TCCATGTCGACGCGTAAGGAACCCT
4600	TGTGGAGCTAATCGCGAGCCTCAGA	TTCTGAGGCTCGCGATTAGCTCCAC
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4602	TTTATAGCAGTGCGCCAATGCTTCG	TCGAAGCATTGGCGCACTGCTATAA
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4605	TCATTAGCCCGCTGTCGGTAACTGT	TACAGTTACCGACAGCGGGCTAATG
4606	TGGAAAGAAACTCAGACGCGCAATG	TCATTGCGCGTCTGAGTTTCTTTCC
4607	TCGACTCGCTGGACAGGAGAATCGT	TACGATTCTCCTGTCCAGCGAGTCG
4608	TCATGATCCTCTGTTTCACCCGCGG	TCCGCGGGTGAAACAGAGGATCATG
4609	TGGCGTAGCGCTCTAAAAGCTTCGG	TCCGAAGCTTTTAGAGCGCTACGCC
4610	TAGTGATGCCATCAGGCCCGTATAC	TGTATACGGGCCTGATGGCATCACT
4611	TTATGGAAAGGGCAACAGCGCTATC	TGATAGCGCTGTTGCCCTTTCCATA
4612	TCTGTGGTTGATGGAGGATCCACAC	TGTGTGGATCCTCCATCAACCACAG
4613	TACTCGCTGGAATTTGCGCTGACAC	TGTGTCAGCGCAAATTCCAGCGAGT
4614	TCAGGCCCGAACCACGCGGTTACAG	TCTGTAACCGCGTGGTTCGGGCCTG
4615	TGGCGCAATGGGCGCATAAATACTA	TTAGTATTTATGCGCCCATTGCGCC
4616	TGGTCAATTCGCGCTACATGCCCTA	TTAGGGCATGTAGCGCGAATTGACC
4617	TGATGGTGGACTGGAGCCCTTCCGC	TGCGGAAGGGCTCCAGTCCACCATC
4618	TCCGCGCATAGCGCAATAGGGGAGA	TTCTCCCCTATTGCGCTATGCGCGG
4619	TTCTTCTGGCTGTCCGGCACCCGAA	TTTCGGGTGCCGGACAGCCAGAAGA
4620	TGCGTTCGCAATTCACGGGCCCTTA	TTAAGGGCCCGTGAATTGCGAACGC
4621	TTCGTTTCGGCCTTGGAGAGTATCG	TCGATACTCTCCAAGGCCGAAACGA
4622	TAGGTGCAAGTGCAAGGCGAGAGGC	TGCCTCTCGCCTTGCACCT

All

4623 TGGCAGTTTCAGTGGCTGAGGTT 4624 TGCTTTACCGCCGATCCCAGATATC 4625 TGTGCTTGACGAGAGAGGCGAAATGT 4626 TCAGTCCGTGAGAGAGGCGAAATGT 4626 TCAGTCCGTGAGAGAGGCGAAATGT 4627 TTACGCGTAGAGAGGCCTACCCTCGCG 4627 TTACGCGTAGAGAGCCTACCCTCGCG 4628 TGGCGTAGAGAGCCTACCCTCGCG 4629 TCCAAAGCGAACGAGCTGTCATGTCTAAGCACAGAGCTCGCC 4629 TCCAAAGCGAACGAGCGTGCATT 4630 TGCCGTAGGTTGCTCTTCACCGAAC 4631 TAAATCCGCGATGTCCTCACCGACC 4631 TAAATCCGCGATGTGCCGTGAGGCT 4632 TGGCTTGGCACCCTCACCAATTTAG 4633 TGGCTTCGCACCCGTACCAATTTAG 4634 TCACTAGTCTGGCACCACTATTAGATTTAGACACCTCCCCAGAGCACCCAGACCC 4635 TTGTACGACCCACTAGCCGGCAT 4636 TACCGGCACCCGTACCAATTTAG 4636 TAACGGCACCCGTACCAATTTAG 4637 TAGCCTCACGGCACCCGTACCAATTTAG 4638 TACCGTGGCAGCCCGTACCAATTTAG 4639 TACCGGCAGACCCCGTACCAATTTAG 4630 TACCGGCAGACCCCGTACCAATTTAG 4631 TAACCCGCGACTAGCCCGGCAT 4631 TAACCCCCACTAGCCCGGCAT 4631 TAACCGGCACCCCGTACCAATTTAG 4632 TGGCTTCGCACCCGTACCAATTTAG 4633 TTGTACTCGGCACCCCGTACCAATTTAG 4634 TCACTAGTCTGGGAAGGTGCATT 4636 TAACCGGTACCACGTACCAATTTAG 4636 TAACCGGTACCAAGTTGAG 4637 TAGCACTCGAACCCCGTAA 4638 TATCGTCACCACTTCAAGATT 4639 TATCCACTAGTCCGAACTTCAAGTT 4630 TATCCACCACTAGTCCGTGACCGGT 4640 TTTCCAGCACTTAGCAACTGGAGCCC 4641 TGTGCGACACTAGTCCTGACCCGTAA 4640 TTTCCAGCACTTAACACAGAGAGGACC 4641 TGTGCGACACTCACCCCGTACCACACCACAACACAACAC			
4625 TGTGCTTGACGAAGAGGCGAAATGT TACATTTCGCCTCTTCGTCAAGCAC 4626 TCAGTCCGTGCGCTTCATGTCCTCA TTGAGGACATGAGGCGACGGACTG 4627 TTACGCGTACAGCCTCCCCGCG TCGCGAGGGTAGGCTCTTACGCGTA 4628 TGGCGAGTCTTGTGGGGACATGTGT TACACATGTCCCCACAGACTCGCC 4629 TCCAAAGCGAAGCGAGCGTGTCTAT 4630 TGCCGTAGGTTCCTCTAT TATAGACACGCTCGCCTCGC	4623	TCGCCAGTTTCGATGGCTGACGTTT	TAAACGTCAGCCATCGAAACTGGCG
4626 TCAGTCCGTGCCCTTCATGTCCTCA 4627 TTACGCGTAAGAGCCTACCCTCGCG 4628 TGGCGAGTCTTGTGGGGACATGTT 4628 TGGCGAGTCTTGTGGGGACATGTT 4629 TCCAAAGCGAAGCGAGCGTGTCTAT 4630 TGCCGTAGGTTGCTCTTCACCGAAC 4631 TAAATCCGCATGTGCCGTAGGGCT 4632 TGGCTTGGCCGTGAGGCT 4632 TGGCTTGCACCCGTACCACAACCTCGCG 4633 TGGCTTGCACCCGTACCACAATTTAG 4634 TCACTAGTCCCACACACTTGGT 4635 TTGTACTCGGGCACCCGTACCAATTTAG 4636 TAACCGGATGTCCCGACACTTTTCACCGAAC 4637 TCACATGTCGGGCAAGCTGCACATTTAG 4638 TTGTACTCGGACCCGTACCAATTTAG 4639 TAACCGGATGTCCCGACACTTTTATTCACCTCCACACCACCACCACTAGTG 4630 TAACCGGCTACCACTACCAGTAGTT 4631 TCACTAGTCTGGAGCCCACTAACACG 4632 TGACTTCCACCACCACATTAGATT 4633 TAACCGGTACCACATTTAGATT 4634 TCACTAGTCTGGAGCCCACTACACTT 4635 TTGTACTCGGAAGCCGAATAGATT 4636 TAACCGGTATCCACACTAGACC 4637 TAACCGATTCCACACTTCAACTTGAACCCTTCCCATACCCGTT 4638 TATCGTTCACCACTTGCAAGTTGAG 4639 TATGCATCGAACTAGTCGTGACGC 4640 TTTCCAGCACTGGAGCCCCGTAA 4640 TTTCCAGGACATCACTCCACGATCCC 4641 TGTGCGACATCTACTCCACGATCCC 4642 TCTCATCGTCCTAACACGAGAGCCC 4643 TAATGGCACTTCCTCACGATCCC 4644 TCCATCGGCAGGTGATCAA 4644 TCCGTGGGAGGAGCCCC 4645 TAAATTCTCGTTGGTGACGGC 4646 TTACACTTCCGCGGTGATCCAA 4641 TGCGGGAGGGAATCCAACCGAGG 4642 TCTCATCGTCCTAACACGAGAGCCC 4643 TAATGGCACTTCCTCCACGATCCAACCGAGACTAGTTCCCCCCCGGAACTAGTTCGACCACCACACAGACATTT 4644 TCCGTGGGAGGGAATCCAACCGAGG 4645 TAAATTCTCGTTGTGTGCGGG 4646 TTACACTTCCGCGGTGATCCAA 4647 TTTAAGGATCAGCGAGGCTCAT 4648 TCCGCGACTAAGTGGACCCC 4650 TAACACACGGAGGACCC 4651 TAACCGTTTACCTTGCCCGGTGATCCT 4651 TTGGAGGTGAGAACCACTCGA 4652 TAACCGTTTAGGCCCGTTTCCACGACCACCAACCAACCACACACA	4624	TGCTTTACCGCCGATCCCAGATATC	TGATATCTGGGATCGGCGGTAAAGC
4627 TTACGCGTAAGAGCCTACCCTCGCG TCGCGAGGGTAGGCTCTTACCGCGTA 4628 TGGCGAGTCTTGTGGGGACATGTGT TACACATGTCCCCACAAGACTCGCC 4629 TCCAAAGCGAAGCGAGCGTGTCTAT TATAGACACGCTCGCTTTGGGTGGGAGGAGCGTTGCTTTACCCGAAC TGTTCGGTGAGAGAGCAACCTACGGC 4631 TAAATCCGCGATGTGCCGTGAGGCT TAGCCTCACGGACACACCTACGGC 4631 TAAATCCGCGATGTGCCGTGAGGCT TAGCCTCACGGACACACCTCGGCT 4632 TGGCTTCGCACCCGTACCAATTTAG TCTAAATTGGTACGGGTGCGAAGCC 4633 TTGTAGAGTCCCACGTAGCCGGCAT TATGCCGGCTACGTGGGACTCTACA 4634 TCACTAGTCTGGGGCAAGGTGCATT TAATCCACCTTGCCCCAGACTAGTG 4635 TTGTACTCGGCAGCGCGAATAGATT TAATCTATTGCGCCTGCCGAGTACA 4636 TAACGGGTATCGGAAGCGTAAAACC TGCTTTTACGCTTCCGATACCCGTT 4637 TCGGACTGCCCGTTTGCAAGTTGAG TCTCAACTTGCAAACGGGCAGTCCG 4638 TATCGTTCAGCACTGGAGCCCGTAA 4639 TATGCATCGACACTGGAGCCCGTAA 4640 TTTCCAGCACTTGGAGCCCGTAA 4641 TGTGCGACATCTACTCCACGATCCC TGCGACTAGTGCAACAGA 4641 TGTGCGACATCACCAGAGCGC TGCCCACCACTAGTGCAACAGA 4642 TCTCATCCTCACACGAGCCCC 4643 TAATGCACTTCCCACGATCCC TGGGATCCTGTAGAGAG 4644 TCCGTGGGAGCCCGTAATAGACCACCGAGGC 4654 TAAATTCTCGTTGGTGACGGC TCCCTCCTTCTTAATGCCTGGAA 4641 TCCGTGGGAGACCCCGAACCCAGAG TCCCCCCCCCACACTAGTCCAAC 4642 TCTCATCCTACACACGAGAGCCC TGGGCTCTCGTTTAGGACGATTAGA 4644 TCCGTGGGAGGAATCCAACCGAGG TCCTCGTTTAGGACGATTGAG 4645 TAAATTCTCGTTGGTGACGGCTCAT TATGAGCCCCCAACGAGAATTT 4646 TTTGCTCTTATCCTTGCTGGGCG TCCCCACCGAACTGCCCAACTAGAGAGAACACACAGGAATTTCCTCCACCGGAACTACCAACGAGAACTTCCACCACGAGAACTACCAACGAGAACTTCCACCACGAGAACTTCCACCACGAGAACTTCCACCACGAGAACTTCCACCACGAGACTTCCACCACGAGACTTCCACCACGAGACTTCCACCACGAGACTTCCACCACGAGACTTCCACCACGAGACTTCCACCACGAGACTTCCACCACGAGACTTCCACCACGAGACTTCCACCACGAGACTTCCACCACGAGACTTCCACCACGAGACTTTCCTCCACGGC 4651 TAACCACGGGCACTTACCACGAGACTTCCACCACGACACTCTCCACCACGACACTCTCCACCACGACACTCTCCACCACGACACTCTCCACCACGACACTCTCCACCACCACCACCACCACCACCACCACCACCA	4625	TGTGCTTGACGAAGAGGCGAAATGT	TACATTTCGCCTCTTCGTCAAGCAC
4628 TGGCGAGTCTTGTGGGGACATGTGT 4629 TCCAAAGCGAAGCAGCGTGTCTAT 4630 TGCCGTAGGTTGCTCTACCCGAAC 4631 TAAATCCGCGATGTGCCGTTACCCGAAC 4631 TAAATCCGCGATGTGCCGTTAGGCT 4632 TGGCTTCGCACCGTACCATTTAG 4633 TTGTAGAGTCCCACCGTACCAATTTAG 4634 TCACTAGTCCGCACCGTACCAATTTAG 4635 TTGTAGAGTCCCACGTACCAATTTAG 4636 TAACGGGTATCTGGGGCAT 4637 TCGGACTGCGGGCAATGGTGCGTAAAAGC 4638 TATCGTTCGGAAGCGCAAATGATT 4637 TCGGACTGCCGGCAAAGCC 4638 TATCGTTCGGAAGCGTAAAAGC 4639 TATCGTTCAGAACTAGTGAGGT 4640 TTTCCAGGCATTAGACACTAGTGAGACACTAGTGAGAACTACACAATTAGAACACACTAGACAATTAGACACACAC	4626	TCAGTCCGTGCGCTTCATGTCCTCA	TTGAGGACATGAAGCGCACGGACTG
4629 TCCAAAGCGAAGCGAGCGTGTCTAT TATAGACACGCTCGCTTTGG 4630 TGCCGTAGGTTGCTCTTCACCGAAC TGTTCGGTGAGAGAGACACCTACGGC 4631 TAAATCCGCGATGTGCCGTGAGGCT TAGCCTCACGGCACATCGCGGATTT 4632 TGGCTTCGCACCCGTACCAATTTAG TCTAAATTGGTACGGGTGCGAAGCC 4633 TTGTAGAGTCCCACGTAGCCGGCAT TATGCCGGCTACGTGGGACCC 4634 TCACTAGTCTGGGGCAAGGTGCATT TAATGCACCTTGCCCAGAGTACA 4635 TTGTACAGTCCGAGAGAGTGCATT TAATGCACCTTGCCCCAGACTAGAG 4636 TAACGGGTATCGGAAGAGTGCATT TAATCCACTTGCGCTGCGGAGTACA 4637 TCGGACTGCCGGTTTGCAAGTTT TAATCTATTGCGCCTGCCGAGTACA 4638 TATCGTTCAGCAAGCGTAAAAGC TGCTTTTACGCTTCCGATACCCGTT 4639 TATGCATCGACACTGGAGCCCGTAA TTTACGGGCTCCAGTGCTGAACGAT 4640 TTTCCAGCACTGGAGCCCGTAA TTTACGGGCTCCAGTGCTGAACGAT 4641 TGTGCGACATCACCACGATCCC TGGGATCCTGCATTAGCACTTCCACCATTACACAGAGAGAG	4627	TTACGCGTAAGAGCCTACCCTCGCG	TCGCGAGGGTAGGCTCTTACGCGTA
4630 TGCCGTAGGTTGCTCTTCACCGAAC TGTTCGGTGAAGAGCAACCTACGGC 4631 TAAATCCGCGATGTGCCGTGAGGCT TAGCCTCACGGCACATCGCGGATTT 4632 TGGCTTCGCACCCGTACCAATTTAG TCTAAATTGGTACGGGTGCGAAGCC 4633 TTGTAGAGTCCCACGTAGCCGGCAT TATGCCGGCTACGTGGGACTCTACA 4634 TCACTAGTCTGGGGCAAGGTGCATT TAATCACCTTGCCCCAGACTAGTG 4635 TTGTACTCGGCAGGCGCAATAGATT TAATCATTTGCGCCTGCCCAGACTAGTG 4636 TAACGGGTATCGAAGCGGCAATAGATT TAATCATTGCGCCTGCCCAGACTAGTG 4637 TCGGACTGCCCGTTTGCAAGTTGAG TCTCAACTTGCAAACGGGCAGTCCG 4638 TATCGTTCAGCACTGGAGCCCGTAA 4639 TATGCATCGAACCTGGAGCCCGTAA 4640 TTTCCAGGCACTAGAGCCCGTAA 4641 TGTGCGACATCACACGAGGAGC 4642 TCTCATCGTCACACGAGAGCCC 4642 TCTCATCGTCCACACACGAGACCC 4643 TAATGCACTTCGACACGAGAGCCC 4644 TCCCTCCTCCTTAATGCCTGGAA 4641 TCCCTGGGAGGCACCCC TGGGCTCCAGATGAGATT 4644 TCCCTGGAGACTCCC TGGGATCCAACCGAGAGACAT 4645 TAATGCACTTCGACGAGACCCC TGGCTCCCTCCTTAATGCCTGGAA 4646 TTCCCTTCCTTACACCGAGAGCCC 4647 TCCCTGCGAGACTCAACTAGAGAGAGCCAA 4648 TCCCTGCGAGACTCAACCGAGG 4649 TGCCTCTTACCCTGGGCGTAATT 4646 TTTGCTTTTACCTTTGTCCTGGGCG 4649 TGCCCAAGGAATCCAACCGAGG 4649 TGCCCAACGAGAATCTAACCGAGGCACTTGCAGAACTTCCTCCACGGAACTAGATTCCTTCC	4628	TGGCGAGTCTTGTGGGGACATGTGT	TACACATGTCCCCACAAGACTCGCC
4631 TAAATCCGCGATGTGCCGTGAGGCT TAGCCTCACGGCACATCGCGGATTT 4632 TGGCTTCGCACCCGTACCAATTTAG TCTAAATTGGTACGGGTGCGAAGCC 4633 TTGTAGAGTCCCACGTAGCCGGCAT TATGCCGGCTACCACGTGGGACTCTACA 4634 TCACTAGTCTGGGGCAAGGTGCATT TAATCCACTTGCCCCAGACTAGTG 4635 TTGTACTCGGCAGGCGCAATAGATT TAATCTATTGCGCCTGCCGAGTACA 4636 TAACGGGTATCGGAAGCGTAAAAGC TGCTTTTACGCTTCCGATACCCGTT 4637 TCGGACTGCCCGTTTGCAAGTTGAG TCTCAACTTGCAAACGGGCAGTCCG 4638 TATCGTTCAGCACTGGAAGCCCGTAA TTTACGGGCTCCAGTGCTGAACGAT 4639 TATGCATCAGAACTAGTCGAAGCCCGTAA TTTACGGGCTCCAGTGCTGAACGAT 4640 TTTCCAGGCATTAAGGAGGAGGC TGCTCCCTCCTTAATGCCTTGAAT 4641 TGTGCGACACTAGTCCACGATCCC TGGGATCGTGAAGATTATCCATCACACAACAAGAGAGCCC TGGCTCTCCTTAATGCCTTGAAA 4642 TCTCATCGTCCTAACACGAGAGCCC TGGGCTCTCGTGTAAGGACGAATGAG 4643 TAATGCACCTTCGGCGGTGATGCAA TTTGCATCGCATGAGAGAGAGAACAACTACGACCACACGAGAGCCC TGGCTCTCCTTAATGCCTCCACGG 4644 TCCGTGGGAGGAATCCAACCGAGG TCCTCGTTTAAGGACGAATGAG 4645 TAAATTCTCGTTGGTGACGACCAACCGAGG TCCTCGGTTGAAGAATTT 4646 TTGCTCTTATCCTTGTCCTGGGCG TCCCCCCAGGACAAGGAATTT 4646 TTTGCTCTTATCCTTGTCCTGGGCG TCCCCAGGACAAGGAAATTT 4647 TTTAAGGATCAGGCGGAGCTCAT TATGAGCCGTCACCAACGAGAATTT 4648 TCCGCGACTAAGGTGCAACTCGA TCCGCAGGACAAGGATAAGAGCAA 4647 TTTAAGGATCAGGCGGAGCTTGCAG TCCGCCAGGACAAGGATACAAGACAA 4648 TCGCGACTAAGGTGCTGCAACTCGA TCCGCAGCACCACCGACCACCAACGACAACGAACAACAAACAAC	4629	TCCAAAGCGAAGCGAGCGTGTCTAT	TATAGACACGCTCGCTTCGCTTTGG
4632 TGGCTTCGCACCCGTACCAATTTAG 4633 TTGTAGAGTCCCACGTAGCCGGCAT 4634 TCACTAGTCTGGGGCAAGGCGCAT 4635 TTGTACTCGGCAGGCGCAATAGATT 4636 TAACGGGTATCGGAAGCCGCAATAGATT 4637 TCGGACTGCCCGAGGCGCAATAGATT 4638 TATCGTTCAGCACGGCGCAATAGATT 4639 TATCGTTCAGCACCGTTTGCAAGTTGAG 4639 TATCGTTCAGCACTGGAAGCCGTAA 4630 TATCGTTCAGCACTGGAAGCCGTAA 4631 TATCGTTCAGCACTGGAAGCCGTAA 4632 TATCGTTCAGCACTGGAAGCCGTAA 4633 TATCGTTCAGCACTGGAAGCCCGTAA 4633 TATCGTTCAGCACTGGAAGCCCGTAA 4634 TATCCATCAGCACTGGAAGCCCGTAA 4640 TTTCCAGCACTAGAGCCCGTAA 4641 TGTGCGACATCACCCCACCACCCC 4642 TCTCATCTCACACACCAGAGCCC 4642 TCTCATCCTCACACACCAGAACCCC 4643 TAATGGCACTTCAGCACCAGAACCCC 4644 TCCCATCGACCCACACCAGAACCCC 4645 TAAATTCTCGTCGTACACCAGAACCCC 4646 TCTCATCGTCCTAACACCAGAGACCC 4646 TCTCATCGTCCTACACCCAGACCCC 4647 TTTAAGGAATCCACCAGACCCAC 4648 TCCCGTGAGAGCCCC 4649 TGCCCCACACACCAGAGCCC 4649 TGCCCCACACCAACCAGAGCCC 4649 TGCCCACACCAACCAGAGCCC 4649 TGCCCACTTACCTTCCACGACTCCA 4640 TTTAAGGATCAGCGCGGTAGTCAA 4641 TCCGGGGTGATGCAA 4642 TTTAAGGATCAGCGCGTAACCACCAGGACAAGGAAATTT 4643 TAATTCCTTTTTCCTTGCCTGGCCG 4645 TAAATTCTCGTTTGCTCTGGCCG 4646 TTTGCATCACCCACCACCAACCAGAGAATTT 4646 TTTGCTCTTATCCTTTGCCTGGCCG 4647 TTTAAGGATCAGCCCCACCAACCAACCAACCAACCAACCA	4630	TGCCGTAGGTTGCTCTTCACCGAAC	TGTTCGGTGAAGAGCAACCTACGGC
4633 TTGTAGAGTCCCACGTAGCCGGCAT TATGCCGGCTACGTGGGACTCTACA 4634 TCACTAGTCTGGGGCAAGGTGCATT TAATGCACCTTGCCCCAGACTAGTG 4635 TTGTACTCGGCAGGCGCAATAGATT TAATCTATTGCGCCTGCCGAGTACA 4636 TAACGGGTATCGGAAGCGTAAAAGC TGCTTTTACGCTTCCGATACCCGTT 4637 TCGGACTGCCCGTTTGCAAGTTGAG TCTCAACTTGCAAACGGGCAGTCCG 4638 TATCGTTCAGCACTGGAGCCCGTAA TTTACGGGCTCAGTGCTGAACGAT 4639 TATGCATCGAACTAGTCGTGACGGC TGCCGTCACGACTAGTCGATCCAGT 4640 TTTCCAGGCATTAAGGAGAGGGAGC TGCTCCCTTCCTTAATGCCTGGAA 4641 TGTGCGACATCTACTCCACGATCCC TGGGATCGTGGAGATGAGAT	4631	TAAATCCGCGATGTGCCGTGAGGCT	TAGCCTCACGGCACATCGCGGATTT
4634 TCACTAGTCTGGGGCAAGGTGCATT 4635 TTGTACTCGGCAGGCGCAATAGATT 4636 TAACGGGTATCGGAAGCGTAAAAGC 4636 TAACGGGTATCGGAAGCGTAAAAGC 4637 TCGGACTGCCCGTTTGCAAGTTGAG 4638 TATCGTTCAGCCCGGTTGCAAGTTGAG 4638 TATCGTTCAGCACTGGAGCCCGTAA 4639 TATGCATCGAACTAGTCGTGACGC 4640 TTTCCAGGCATTAAGGAGAGGGAGC 4641 TGTGCGACATCACCCGATCCC 4642 TCTCATCGTCACACTACCCAGATCCC 4643 TAATGCATCGACATCACCACGAGCC 4644 TCCATCGTCACACACACAGAGCCC 4645 TCCATCGTCTAACACAGAGAGCCC 4646 TCCCTCTCTTAATGCCTGGAA 4641 TCCGTGGACATCTCCACGATCCC 4642 TCTCATCGTCTAACACAGAGAGCCC 4643 TAATGCACTTCGCGGGTGATGCAA 4644 TCCGTGGGAGGAACCCACCAGAG 4645 TCCATCGTCTAACACCGAGG 4646 TCCATCGTCTTACCACCGAGG 4646 TCCATCGTTCTGTGTGACGCGCTCAT 4647 TTTAAGGACCACCGAGG 4646 TTTACCTTTTCCTTGGGCG 4647 TTTAAGGATCAGCGGAGCTTCAT 4648 TCCGCGACTAAGGTGCAACTCGAG 4649 TGCTCTTATCCTTGTCCTGGGCG 4640 TGCCCAGGACACACCAACGAACCAA 4641 TGCGGACTAAGGTGCAACTCGA 4642 TCCCACAGGACACCACCAACGAGAATTT 4643 TAATTCTCGTTGTCCTGGGCG 4644 TCCGTGGATTCCCTCCCACGG 4645 TAAATTCTCGTTGCTCTGGCGC 4646 TTTACCGTTCTTCCTTGGCCG 4646 TTTACCGTTCTTCCTTGGCCG 4647 TTTAAGGATCAGCCCGTTGCAG 4648 TCCCCACAGGACACTCGA 4649 TGCTCGATTTCACGCCCGTTGTC 4650 TAGCAGAGTGCGTTGCAG 4651 TGCACACTAAGGTCTCCCACACCACCACCACCACCCACCACCACCACCACCA	4632	TGGCTTCGCACCCGTACCAATTTAG	TCTAAATTGGTACGGGTGCGAAGCC
4635 TIGTACTCGGCAGGCGCAATAGATT TAATCTATTGCGCCTGCCGAGTACA 4636 TAACGGGTATCGGAAGCGTAAAAGC TGCTTTTACGCTTCCGATACCCGTT 4637 TCGGACTGCCCGTTTGCAAGTTGAG TCTCAACTTGCAAACGGGCAGTCCG 4638 TATCGTTCAGCACTGGAGCCCGTAA TTTACGGGCTCCAGTGCTGAACGAT 4639 TATGCATCGAACTAGTCGTGACGGC TGCCGTCACGACTAGTCGATGCAT 4640 TITCCAGGCATTAAGGAGAGGGAGC TGCTCCTTCCTTAATGCCTGGAA 4641 TGTGCGACATCTACTCCACGATCCC TGGGATCGTGGAGTGAGAT 4642 TCTCATCGTCCTAACACGAGAGCCC TGGGCTCCTGTGTTAGGACGAT 4643 TAATGGCACTTCGGCGGTGATGCAA TTTGCATCGACGATTGAG 4644 TCCGTGGGAGGGAGCCC TGGGCTCTCGTGTTAGGACGATTGAG 4645 TAAATTCTCGTTGGTGACGGC TCCTCGGTTGGATTCCCTCCCACGG 4646 TTTGCTCTTATCCTTGTCCTGGGCG TCCCCAGGACAAGGATAAGAGCAA 4647 TTTAAGGATCAGGCGGAGCTTGCAG TCTGCAAGCTCCGCCTGATCCTTAA 4648 TCGCGACTAAGGTGCTGCAA TTCGAGTTGCAGCACCTTAGTCGCG 4649 TGCTCGATTTCACGGCCCGTTGTTC TGAACAACGGGCCCTGAAATCGAGC 4650 TAGCAGAGTGCGTTGCAG TTCGAGTTGCAGCACCTTAGTCGCG 4651 TTGGAGTTGCAGGAGGCTAA TTTAGCCTCTCCAACGACCACTCTGCT 4652 TAACCGTTTAGGGTACATTCGCGGT TACCGCCGAATGTACCCTCCCA 4652 TAACCGTTTAGGGTACATTCGCGGT TACCGCAACGACACTCTGCT 4653 TTATGATCGCTCGGCTCACACTTGGT TCCACACCTCCACCACCGACCTCTCCA 4654 TGACTTTTTGCGGAACGCTCACTA TTAGTGCACGCCACTCTCCA 4655 TTGGAGGTACATTCGCGGT TACCGCGAATGTACCCTAAACGGTT 4656 TCTATGGTTTCCACCTGCAAGGA TTCCTTGCAGAGTTCCCTCCAACGCACTTTTTCCCTCGCAACACGCACTCTCCA 4656 TCTATGGTTTTCCACCTGCAAGGA TTCCTTGCAGGTGGAATAACCGACA 4657 TAGCAGGGAAATTCCACTGCAAGGA TTCCTTGCAGGTGGAAAACGTC 4658 TCCTAACCGAGCACTTAGCTTCGCA TTCGACACGCACTTTCCCTCCA 4659 TCCCGACCCTAACTCGCACTTGCAACCGACTTGCCT 4658 TCCCAACCGAGCGTTAGCATTTCC TGCACACCACTTAGGTTAACCCTAACCGACA 4659 TCCCGACCCTAACTCGCACTTGCAATTCCCTTCCAACCGCACTTTGCTCTCCTCCAACGGCACTTTGCCTCCTCCAACGGACTTTGCAACCGACACTTAGGTTTTCCCTCCC	4633	TTGTAGAGTCCCACGTAGCCGGCAT	TATGCCGGCTACGTGGGACTCTACA
4636 TAACGGGTATCGGAAGCGTAAAAGC 4637 TCGGACTGCCCGTTTGCAAGTTGAG 4638 TATCGTTCAGCACTGGAGCCCGTAA 4639 TATGCATCGAACTGGTGAGGCC TGCCAACTGCTGAACGAT 4640 TTTCCAGGCATTAAGGAGAGGGAGC 4641 TGTGCGACATCTCCACGATCCC TGGGATCGTGAAGATGTCGCAA 4642 TCTCATCGTCCTAACACGAGAGCCC TGGCTCTCGTTAATGCCTGGAA 4643 TAATGGCACTTCGGCGGTGATGCAA 4644 TCCGTGGACACTAGTCCCC TGGGATCCTCTTAATGCCTGGAA 4645 TAATGCACTTCGGCGGTGATGCAA 4646 TCCGTGGAGAGACCC TGGGCTCTCGTGTTAGGACGATTGAG 4647 TCCGTGGGAGACACCCAACCGAGG TCCTCGGTTGAGTCCCAC 4648 TCCGTGGAGAGCCC TGGCCTCACCACGAGATTT 4640 TTTCAACCGACGAGACCC TGGCCTCACCAACGAGAATTT 4641 TCCGTGGGAGGAATCCAACCGAGG TCCTCGGTTGAGTTCCCTCCCACGG 4642 TCCATCGTCTTATCCTTGCCTGGCG TCCCCCACGAGACGACACACGAGAATTT 4644 TCCGTGGAGAGACCCCAACCGAGG TCCTCGGTTGATCCTTAA 4645 TAAATTCTCGTTGGTGACGGCTCAT TATGAGCCGTCACCAACGAGAATTT 4646 TTTAAGGATCAGGCGGAGCTTGCAG TCTGCAAGCTCCGCCTGATCCTTAA 4648 TCGCGACTAAGGTGCTGCAACTCGA TTCGAAGCTCCGCCTGATCCTTAA 4649 TGCTCGATTTCACGGCCCGTTGTTC TGAACAACGGGCCGTGAAATCGAGC 4650 TAGCAGAGTGCGTTGCAGAGGCTAA TTTAGCCTCTGCAACGCACTTTGCT 4651 TTGGAGGTGAGGACGACGTGCACTA TTAGTCCCTCCAACCGACTCTCCT 4652 TAACCGTTTAGGGTACATTCGCGGT TACCGCGAATGTACCCTCAACCGGTT 4653 TTATGATCGCTCGGCTCACAGTTTG TCAAACTGTGAGCCGACCACTCTCCA 4654 TGACTTTTTGCGGAAACCGCACTTAGTTCCCCAACGGACCACTCTCCA 4655 TCATCGTTTTTCCACCTGCAACGAA 4656 TCATTGGTTTTCCACCTGCAACGAA 4657 TAGCAGGGAAATTCAACCGACA TTCCGCAAAACCGACACCATAG 4658 TCCTAACCGAGACATTCCCCAACGAATTTCCCTGCT 4658 TCCCGACCCTAACTCGCATTTCC TGGAAATGCTAACCGACA 4659 TCCCGACCCTAACTCGCATTTCC TGGAAATGCTAACCGCTCGGTTAGG 4659 TCCCGACCCTAACTCGCATTTTCC TGGAAATGCTAACCGCTCGGTTAGG 4659 TCCCGACCCTAACTCGCATTTTCC TGGAAATGCTAAGCGCTCGGTTAGG 4659 TCCCGACCCTAACTCGCATTTGAATTTCCCTGCATTAGCGTCGGGTTAGGATTAGCGTCGGGTTAGGATTAGCGTCGGGTTAGGATTAGCGTCGGGTTAGGATTAGGGTCGGGTTAGGATTAGGGTCGGGTTAGGATTAGCCTTAGGGTTAGGGTCGGGTTAGGA	4634	TCACTAGTCTGGGGCAAGGTGCATT	TAATGCACCTTGCCCCAGACTAGTG
4637 TCGGACTGCCGTTTGCAAGTTGAG TCTCAACTTGCAAACGGGCAGTCCG 4638 TATCGTTCAGCACTGGAGCCCGTAA TTTACGGGCTCCAGTGCTGAACGAT 4639 TATGCATCGAACTAGTCGTGACGGC TGCCGTCACGACTAGTTCGATACAGACAGAT 4640 TTTCCAGGCATTAAGGAGAGGGAGC TGCTCCCTCCTTAATGCCTGGAA 4641 TGTGCGACATCTACTCCACGATCCC TGGGATCAGGATAGATGTCGCAC 4642 TCTCATCGTCTAACACGAGAGCCC TGGGCTCACGAGATGAGTGCCAT 4643 TAATGGCACTTCGGCGGTGATGCAA TTTGCATCACCGCCGAAGTGCCATT 4644 TCCGTGGGAGGAATCCAACCGAGG TCCTCGGTTGGATTCCCTCCACGG 4645 TAAATTCTCGTTGGTGACGGCTCAT TATGAGCCGTCACCAACGAGAATTT 4646 TTTGCTCTTATCCTTGGCGGG TCCTCGAGAGACAAAGAATATAAATTCTCGTTGGTGACGACTAGAG TCCTCCAAGGACAAAGAAAAAAAAAA	4635	TTGTACTCGGCAGGCGCAATAGATT	TAATCTATTGCGCCTGCCGAGTACA
4638 TATCGTTCAGCACTGGAGCCCGTAA 4639 TATGCATCGAACTAGTCGTGACGCC 4640 TTTCCAGGCATTAAGGAGAGGGAGCC 4641 TGTGCGACATCTCCACGATCCC 4642 TCTCATCGTCACACCACACCACCACTTCCATTAGGACGAT 4643 TAATGCACTCACACCACAGAGCCC 4644 TCCGTGGAGGGAGCCC 4645 TAAATTCTCGTGGAGGGAGCC 4646 TTTGCTGGAGGGAGCCC 4646 TAAATTCTCGTTGACACCAACCAGAG 4641 TTGCTCTACACCACACCACACACACACACACACACACACA	4636	TAACGGGTATCGGAAGCGTAAAAGC	TGCTTTTACGCTTCCGATACCCGTT
TATGCATCGAACTAGTCGTGACGGC TGCCGTCACGACTAGTTCGATGCAT TGCGCACTAGTCGAACTAGTCGAACACTAGTTCGAACACTAGTTCGAACACTAGTTCGAACACTAGTCCCACACTTCCCTTAATGCCTGGAA TGTGCGACATCTACTCCACGATCCC TGGGATCGTGGAGTAGATGTCGCAC TGTCATCGTCCTAACACGAGAGCCC TGGGCTCTCGTGTTAGGACGATGAG TCTCATCGTCCTAACACGAGAGCCC TGGGCTCTCGTGTTAGGACGATGAG TAATGGCACTTCGGCGGTGATGCAA TTTGCATCACCGCCGAAGTGCCATT TAGAGCCGTCACCACGAGG TCCTCGGTTGGATTCCCTCCACGG TCCTCGGTTGGATTCCCTCCCACGG TCCTCGGTTGGATTCCCTCCCACGG TCCCCAGGACAACGAGAATTT TATGAGCCGTCACCAACGAGAATTT TATAAGGATCAGGCGGAGCTTGCAG TCTGCAAGCTCCGCCTGATCCTTAA TTTAAGGATCAGGCGGAGCTTGCAG TCTGCAAGCTCCGCCTGATCCTTAA TTTAAGGATCAGGCGGAGCTTGCAG TCTGCAAGCTCCGCCTGATCCTTAA TTGAGCACAACGGGCCGTGAAATCGAGC TTGCAGTTTCACGGCCCGTTGTTC TGAACAACGGGCCGTGAAATCGAGC TTGGCAGAGTGCGTTCCACACTCGA TTTAGCCTCTGCAACCCACTCTGCT TTAGGCAGAGTGCGTTCCACACTCGA TTTAGCCTCTGCAACGCACTCTGCT TTAGGCAGGTGAGACACTTCGCGGT TACCGCGAATGTACCCTCAACTGGT TACCGCGATTTTTTTTTT	4637	TCGGACTGCCCGTTTGCAAGTTGAG	TCTCAACTTGCAAACGGGCAGTCCG
4640 TITCCAGGCATTAAGGAGAGGGAGC TGCTCCCTTCCTTAATGCCTGGAA 4641 TGTGCGACATCTCCACGATCCC TGGGATCGTGGAGTAGATGTCGCAC 4642 TCTCATCGTCCTAACACGAGAGCCC TGGGCTCTCGTGTTAGGACGATGAG 4643 TAATGGCACTTCGGCGGTGATGCAA TTTGCATCACCGCCGAAGTGCCATT 4644 TCCGTGGGAGGGAACCCACCGAGG TCCTCGGTTGGATTCCCTCCACGG 4645 TAAATTCTCGTTGGTGACGGCTCAT TATGAGCCGTCACCAACGAGAATTT 4646 TTTGCTTATCCTTGTCCTGGGCG TCGCCCAGGACAAGGAATTT 4647 TTTAAGGATCAGGCGGAGCTTGCAG TCTGCAAGGCACAAGGAAATTT 4648 TCGCGACTAAGGTGCTGCAACTCGA TTCGAGTTGCAGCCCTGATCCTTAA 4649 TGCTCGATTTCACGGCCCGTTGTTC TGAACAACGGGCCGTGAAATCGAGC 4650 TAGCAGAGTGCGTTGCAGA TTTAGCCTCTCCAACGCACTCTGCT 4651 TTGGAGGTGCAGAGGCTAA TTTAGTGCCTCTCACCTCCA 4652 TAACCGTTTAGGGTACATTCGCGGT TACCGCGAATGTACCCTCACACGCA 4653 TTATGATCGCTCGGCTCACAGTTTG TCAAACTGTGAGCCGAGCGATCATA 4654 TGACTTTTTGCGGAAACGTCATGGT TACCGCGAATGTACCCTAAACGGTT 4655 TTGTCGGTTATTCCACCTGCAAGGA TTCCTTGCAGCGCGAGCGATCATA 4656 TCATAGTTTTGCGGAAACGTCATGGT TACCATGAGGTTTCCGCAAAAAAGTC 4657 TAGCAGGGAAATTCAACCGCCGTCGA 4658 TCCTAACCGACGCCTTAGCATTTCC 4658 TCCTAACCGACCCTTAGCATTTCC 4659 TCCCGACCCTAACTCGCATTTTCC TGGAAATGCTAAGCGTTAGGG 4659 TCCCGACCCTAACTCGCATTTGAATA TTATTCAATGCGAGTTAAGGGTCGGG 4659 TCCCGACCCTAACTCGCATTGAATA TTATTCAATGCGAGTTAAGGGTCGGG TTATTCAACCGAGCGCTTAGCATTTCC TTATTCAATGCGAGTTAAGGGTCAGGG TTATTCAACCGAGCGCTTAGCATTTCC TTATTTCAATGCGAGTTAAGTTTCCCTGCT TTATTCAATGCGAGGTTAAGGGTCGGGGTTAAGGGTCGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGATTAATATATATTCCATGCGATTAGAATTAATATATAT	4638	TATCGTTCAGCACTGGAGCCCGTAA	TTTACGGGCTCCAGTGCTGAACGAT
4641 TGTGCGACATCTACTCCACGATCCC TGGGATCGTGGAGTAGATGTCGCAC 4642 TCTCATCGTCCTAACACGAGAGCCC TGGGCTCTCGTGTTAGGACGATGAG 4643 TAATGGCACTTCGGCGGTGATGCAA TTTGCATCACCGCCGAAGTGCCATT 4644 TCCGTGGGAGGGAATCCAACCGAGG TCCTCGGTTGGATTCCCTCCACGG 4645 TAAATTCTCGTTGGTGACGGCTCAT TATGAGCCGTCACCAACGAGAATTT 4646 TTTGCTCTTATCCTTGTCCTGGGCG TCGCCCAGGACAAGGATAAGAGCAA 4647 TTTAAGGATCAGGCGGAGCTTGCAG TCTGCAAGCTCCGCCTGATCCTTAA 4648 TCGCGACTAAGGTGCTGCAACTCGA TTCGAGTTGCAGCACCTTAGTCGCG 4649 TGCTCGATTTCACGGCCCGTTGTTC TGAACAACGGGCCGTGAAATCGAGC 4650 TAGCAGAGTGCGTTGCAGAGGCTAA TTTAGCCTCTGCAACCGCCTTGCT 4651 TTGGAGGTGAGGACGACGTAA TTAGCCTCTCCAACGACTCTCCA 4652 TAACCGTTTAGGGTACATTCGCGGT TACCGCGAATGTACCCTCAA 4653 TTATGATCGCTCGGCTCACAGTTTG TCAAACTGTGAGCCGACCATCATA 4654 TGACTTTTTGCGGAAACGTCATGGT TACCACGAGCGACTCATA 4655 TGACCTTTTTTGCGGAAACGTCATGGT TACCATGAGGTTTCCGCAAAAAGTC 4656 TCTATGGTTTGCACTGCAAGGA TTCCTTGCAGGTGGAATAACCGACA 4657 TAGCAGGGAAATTCAACCGTCGA TTCGACGGCGCAAACCATAG 4658 TCCTAACCGAGCGCTTAGCATTTCC TGGAAATGCTAAGCGCTCGGCT 4659 TCCCGACCCTAACTCGCATTGATA TTATTCAATGCGAGTTAAGGGTCGGG 4659 TCCCGACCCTAACTCGCATTGAATA TTATTCAATGCGAGTTAAGGGTCGGGG 4659 TCCCGACCCTAACTCGCATTGAATA TTATTCAATGCGAGTTAAGGGTCGGG	4639	TATGCATCGAACTAGTCGTGACGGC	TGCCGTCACGACTAGTTCGATGCAT
4642 TCTCATCGTCCTAACACGAGAGCCC TGGGCTCTCGTGTTAGGACGATGAG 4643 TAATGGCACTTCGGCGGTGATGCAA TTTGCATCACCGCCGAAGTGCCATT 4644 TCCGTGGGAGGAATCCAACCGAGG TCCTCGGTTGGATTCCCTCCCACGG 4645 TAAATTCTCGTTGGTGACGGCTCAT TATGAGCCGTCACCAACGAGAATTT 4646 TTTGCTCTTATCCTTGTCCTGGGCG TCGCCCAGGACAAGGATAAGAGCAA 4647 TTTAAGGATCAGGCGGAGCTTGCAG TCTGCAAGGTCCGCCTGATCCTTAA 4648 TCGCGACTAAGGTGCTGCAACTCGA TTCGAAGTTCCGCCTGATCCTTAA 4649 TGCTCGATTTCACGGCCCGTTGTTC TGAACAACGGGCCGTGAAATCGAGC 4650 TAGCAGAGTGCGTTGCAGAGGCTAA TTTAGCCTCTGCAACGCACCTTGCT 4651 TTGGAGGTGAGAGACGACATA TTAGTGCACGTCCTCCCA 4652 TAACCGTTTAGGGTACATTCGCGGT TACCGCGAATGTACCCTCCA 4653 TTATGATCGCTCGGCTCACAGTTTG TCAAACTGTGAGCCGAGCGATCATA 4654 TGACTTTTTGCGGAAACGTCATGGT TACCATGAGCCGAGCGATCATA 4655 TGCCGGATATTCCACCTGCAAGGA TTCCTTGCAGCGGAACAAGTC 4656 TCTATGGTTTCCACCTGCAAGGA TTCCTTGCAGGTGGAATAACCGACA 4656 TCTATGGTTTGCACTGCGCCGTCGA TTCGACGGCGCGAGTGAAACCGACA 4657 TAGCAGGGAAATTCAATCGTTCGCA TTCGACGGCGCGAGTGCAAACCATAG 4658 TCCTAACCGAGCGCTTAGCATTTCC TGGAAATGCTTAGGGTTAGGG TCCCGACCCTAACTCGCATTGCATA TTAGTTCAATGCGAGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTT	4640	TTTCCAGGCATTAAGGAGAGGGAGC	TGCTCCCTCCTTAATGCCTGGAA
TAATGGCACTTCGGCGGTGATGCAA 4644 TCCGTGGGAGGGAATCCAACCGAGG 4645 TAAATTCTCGTTGGTGACGGCTCAT 4646 TTTGCTCTTATCCTTGTCCTGGGCG 4647 TTTAAGGATCAGGCGGAAGTACCAACGAGAATTT 4648 TCGCGACTAAGGTGCGGAGCTTGCAG 4649 TGCTCGATTCACGGCGGAGCTTGCAG 4650 TAGCAGAGTGCGTTGCAGAGCTCGCACCTTAGTCGCG 4651 TTGGAGTGAGGCGGAGCTTGCAG TTTAGCCTCTGCAACCCGCCGTGATCCTTAA 4652 TACCGTTTAGGGCGCCGTTGTTC TGAACAACGGGCCGTGAAATCGAC 4653 TTAGAGCAGAGTGCGTTGCAGAGGCTAA TTTAGTCACCTCCACCTCCA 4654 TGACCATTTAGGGTACATTCGCGGT TACCGCGAATGTACCCTAAACGGTT 4655 TTAGATCGCTCGGCTCACAGTTTG TCAAACTGTGAGCCGAGCGATCATA 4654 TGACTTTTTGCGGAAACGTCATGGT TACCATGACGTTTCCGCAAAAAAGTC 4655 TTGTCGGTTATTCCACCTGCAAGGA TTCCTTGCAGGTGGAATAACCGACA 4656 TCTATGGTTTGCACTGCGCCGTCGA TTCGACGGCGCAGTGCAAACCATAGG TTCGACGGCGCAAACCATTAGCACCATAGGACCAACCATAGGACCACCATAGGACCACCACCACCACCACCACCACCACCACCACCACCA	4641	TGTGCGACATCTACTCCACGATCCC	TGGGATCGTGGAGTAGATGTCGCAC
4644 TCCGTGGGAGGGAATCCAACCGAGG TCCTCGGTTGGATTCCCTCCACGG 4645 TAAATTCTCGTTGGTGACGGCTCAT TATGAGCCGTCACCAACGAGAATTT 4646 TTTGCTCTTATCCTTGTCCTGGGCG TCGCCCAGGACAAGGATAAGAGCAA 4647 TTTAAGGATCAGGCGGAGCTTGCAG TCTGCAAGCTCCGCCTGATCCTTAA 4648 TCGCGACTAAGGTGCTGCAACTCGA TTCGAGTTGCAGCACCTTAGTCGCG 4649 TGCTCGATTTCACGGCCCGTTGTTC TGAACAACGGGCCGTGAAATCGAGC 4650 TAGCAGAGTGCGTTGCAGAGGCTAA TTTAGCCTCTGCAACGCACTCTGCT 4651 TTGGAGGTGAGGACGACGTGCACTA TTAGTGCACGTCCTCACCTCCA 4652 TAACCGTTTAGGGTACATTCGCGGT TACCGCGAATGTACCCTAAACGGTT 4653 TTATGATCGCTCGGCTCACAGTTTG TCAAACTGTGAGCCGACGATCATA 4654 TGACTTTTTGCGGAAACGTCATGGT TACCATGACGTTTCCGCAAAAAGTC 4655 TTGTCGGTTATTCCACCTGCAAGGA TTCCTTGCAGGTGGAATAACCGACA 4656 TCTATGGTTTGCACTGCGCCGTCGA TTCGACGGCGCAGTGCAAACCATAG 4657 TAGCAGGGAAATTCAATCGTTCGCA TTGCGAACGATTGAATTTCCCTGCT 4658 TCCTAACCGAGCGCTTAGCATTTCC TGGAAATGCTAAGCGTCAGGT 4659 TCCCGACCCTAACTCGCATTGAATA TTATTCAATGCGAGTTAGGGTCGGG	4642	TCTCATCGTCCTAACACGAGAGCCC	TGGGCTCTCGTGTTAGGACGATGAG
TAAATTCTCGTTGGTGACGGCTCAT TATGAGCCGTCACCAACGAGAATTT 4646 TTTGCTCTTATCCTTGTCCTGGGCG TCGCCCAGGACAAGGATAAGAGCAA 4647 TTTAAGGATCAGGCGGAGCTTGCAG TCTGCAAGCTCCGCCTGATCCTTAA 4648 TCGCGACTAAGGTGCTGCAACTCGA TTCGAGTTGCAGCACCTTAGTCGCG 4649 TGCTCGATTTCACGGCCCGTTGTTC TGAACAACGGGCCGTGAAATCGAGC 4650 TAGCAGAGTGCGTTGCAGAGGCTAA TTTAGCCTCTGCAACGCACTCTGCT 4651 TTGGAGGTGAGGACGACGTGCACTA TTAGTGCACGTCGTCCTCACCTCCA 4652 TAACCGTTTAGGGTACATTCGCGGT TACCGCGAATGTACCCTAAACGGTT 4653 TTATGATCGCTCGGCTCACAGTTTG TCAAACTGTGAGCCGAGCGATCATA 4654 TGACTTTTTGCGGAAACGTCATGGT TACCATGACGTTTCCGCAAAAAGTC 4655 TTGTCGGTTATTCCACCTGCAAGGA TTCCTTGCAGGTGGAATAACCGACA 4656 TCTATGGTTTGCACTGCGCCGTCGA TTCGACGGCGCAGTGCAAACCATAG 4657 TAGCAGGGAAATTCAATCGTTCGCA TTGCGAACGATTGAATTTCCCTGCT 4658 TCCTAACCGAGCGCTTAGCATTTCC TGGAAATGCTAAGCGCTCGGT TACCGACCCTCAGGTTAGCGT TTCCCGACCCTCGGTTAGCATTTCC TTGCAACCGACGTTTAGCGTTAGCGTTAGCGTTAGGGTTAGGGTTCCGCGGTTAGGGTTAGGGTTCCGGGTTAGGGTTCCGGGTTAGGGTTAGGGTTCCGGGTTAGGGTTCCGGGGTTAGGGTTCCGGGTTAGGGTTCCGGGTTAGGGTTCCGGGTTAGGGTTCCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTCGGGTTAGGGTTAGGGTTCGGGTTAGGGTTAGGGTTCGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGGGTTAGG	4643	TAATGGCACTTCGGCGGTGATGCAA	TTTGCATCACCGCCGAAGTGCCATT
4646 TTTGCTCTTATCCTTGTCCTGGGCG TCGCCCAGGACAAGGATAAGAGCAA 4647 TTTAAGGATCAGGCGGAGCTTGCAG TCTGCAAGCTCCGCCTGATCCTTAA 4648 TCGCGACTAAGGTGCTGCAACTCGA TTCGAGTTGCAGCACCTTAGTCGCG 4649 TGCTCGATTTCACGGCCCGTTGTTC TGAACAACGGGCCGTGAAATCGAGC 4650 TAGCAGAGTGCGTTGCAGAGGCTAA TTTAGCCTCTGCAACGCACTCTGCT 4651 TTGGAGGTGAGGACGACGTGCACTA TTAGTGCACGTCGTCCTCACCTCCA 4652 TAACCGTTTAGGGTACATTCGCGGT TACCGCGAATGTACCCTAAACGGTT 4653 TTATGATCGCTCGGCTCACAGTTTG TCAAACTGTGAGCCGAGCGATCATA 4654 TGACTTTTTGCGGAAACGTCATGGT TACCATGACGTTTCCGCAAAAAAGTC 4655 TTGTCGGTTATTCCACCTGCAAGGA TTCCTTGCAGGTGGAATAACCGACA 4656 TCTATGGTTTGCACTGCGCCGTCGA TTCGACGGCGCGAGCGATCATAG 4657 TAGCAGGGAAATTCAATCGTTCGCA TTGCGAACGATTGAATTTCCCTGCT 4658 TCCTAACCGAGCGCTTAGCATTTCC TGGAAATGCTAAGCGCTCGGTTAGG 4659 TCCCGACCCTAACTCGCATTGAATA TTATTCAATGCGAGTTAGGGTCGGG	4644	TCCGTGGGAGGGAATCCAACCGAGG	TCCTCGGTTGGATTCCCTCCCACGG
4647 TITAAGGATCAGGCGGAGCTTGCAG TCTGCAAGCTCCGCCTGATCCTTAA 4648 TCGCGACTAAGGTGCTGCAACTCGA TTCGAGTTGCAGCACCTTAGTCGCG 4649 TGCTCGATTTCACGGCCCGTTGTTC TGAACAACGGGCCGTGAAATCGAGC 4650 TAGCAGAGTGCGTTGCAGAGGCTAA TITAGCCTCTGCAACGCACTCTGCT 4651 TTGGAGGTGAGGACGACGTGCACTA TTAGTGCACGTCCTCCACCTCCA 4652 TAACCGTTTAGGGTACATTCGCGGT TACCGCGAATGTACCCTAAACGGTT 4653 TTATGATCGCTCGGCTCACAGTTTG TCAAACTGTGAGCCGAGCGATCATA 4654 TGACTTTTTGCGGAAACGTCATGGT TACCATGACGTTTCCGCAAAAAGTC 4655 TTGTCGGTTATTCCACCTGCAAGGA TTCCTTGCAGGTGGAATAACCGACA 4656 TCTATGGTTTGCACTGCGCCGTCGA TTCGACGGCGCAGTGCAAACCATAG 4657 TAGCAGGGAAATTCAATCGTTCGCA TTGCGAACGATTGAATTTCCCTGCT 4658 TCCTAACCGAGCGCTTAGCATTTCC TGGAAATGCTAAGCGCTCGGTTAGG 4659 TCCCGACCCTAACTCGCATTGAATA TTATTCAATGCGAGTTAGGGTCGGG	4645	TAAATTCTCGTTGGTGACGGCTCAT	TATGAGCCGTCACCAACGAGAATTT
TCGCGACTAAGGTGCTGCAACTCGA TTCGAGTTGCAGCACCTTAGTCGCG TGCTCGATTTCACGGCCCGTTGTTC TGAACAACGGGCCGTGAAATCGAGC TAGCAGAGTGCGTTGCAGAGGGCTAA TTTAGCCTCTGCAACGCACTCTGCT TTGGAGGTGAGGACGACGTGCACTA TTAGTGCACGTCGTCCTCACCTCCA TAACCGTTTAGGGTACATTCGCGGT TACCGCGAATGTACCCTAAACGGTT TTATGATCGCTCGGCTCACAGTTTG TCAAACTGTGAGCCGAGCGATCATA TGACTTTTTGCGGAAACGTCATGGT TACCATGACGTTTCCGCAAAAAGTC TTGTCGGTTATTCCACCTGCAAGGA TTCCTTGCAGGTGGAATAACCGACA TCTATGGTTTGCACTGCGCCGTCGA TTCGACGGCGCAGTGCAAACCATAG TAGCAGGGAAATTCAATCGTTCGCA TTGCGAACGATTGAATTTCCCTGCT TGCGAACGATTGAATTTCCTTGCT TTGCAACCGAGCGCTCGGGTTAGGG TCCTAACCGAGCGCTTAGCATTTCC TGGAAATGCTAAGCGCTCGGTTAGG TCCCGACCCTAACTCGCATTGAATA TTATTCAATGCGAGTTAGGGTCGGG	4646	TTTGCTCTTATCCTTGTCCTGGGCG	TCGCCCAGGACAAGGATAAGAGCAA
TGCTCGATTTCACGGCCCGTTGTTC TGAACAACGGGCCGTGAAATCGAGC TAGCAGAGTGCGTTGCAGAGGCTAA TTTAGCCTCTGCAACGCACTCTGCT TTGGAGGTGAGGACGACGTGCACTA TTAGTGCACGTCGTCCTCACCTCCA TAACCGTTTAGGGTACATTCGCGGT TACCGCGAATGTACCCTAAACGGTT TTAGTCGCTCGGCTCACAGTTTG TCAAACTGTGAGCCGAGCGATCATA TGACTTTTTGCGGAAACGTCATGGT TACCATGACGTTTCCGCAAAAAGTC TTGTCGGTTATTCCACCTGCAAGGA TCCTTGCAGGTGGAATAACCGACA TCTATGGTTTGCACTGCGCCGTCGA TTCGACGGCGCAGTGCAAACCATAG TAGCAGGGAAATTCAATCGTTCGCA TTGCGAACGATTGAATTTCCCTGCT TGGAAATGCTAAGCGCTCGGTTAGG TCCTAACCGAGCGCTTAGCATTTCC TGGAAATGCTAAGCGCTCGGTTAGG TCCCGACCCTAACTCGCATTGAATA TTATTCAATGCGAGTTAGGGTCGGG	4647	TTTAAGGATCAGGCGGAGCTTGCAG	TCTGCAAGCTCCGCCTGATCCTTAA
TAGCAGAGTGCGTTGCAGAGGCTAA TTTAGCCTCTGCAACGCACTCTGCT TTGGAGGTGAGGACGACGTGCACTA TTAGTGCACGTCGTCCTCCA TTAGTGCACGTCGTCCTCCA TTAGTGCACGTCGTCCTCCA TACCGCTTTAGGGTACATTCGCGGT TACCGCGAATGTACCCTAAACGGTT TAGTGACCGTTAGACCGTCACAGTTTG TCAAACTGTGAGCCGAGCGATCATA TGACTTTTTGCGGAAACGTCATGGT TACCATGACGTTTCCGCAAAAAAGTC TTGTCGGTTATTCCACCTGCAAGGA TTCCTTGCAGGTGGAAACCGTCATAG TTCGACGGCGCAGTGCAAACCATAG TTCGACGGCGCAGTGCAAACCATAG TAGCAGGGAAATTCAATCGTTCGCA TTGCGAACGATTGAATTTCCCTGCT TGGAAATGCTAAGCGCTCGGTTAGG TCCCGACCCTAACTCGCATTGAATA TTATTCAATGCGAGTTAGGGTCGGG TTATTCAATGCGAGTTAGGGTCGGG TTATTCAATGCGAGTTAGGGTCGGG TTATTCAATGCGAGTTAGGGTCGGG TTATTCAATGCGAGTTAGGGTCGGG TTATTCAATGCGAGTTAGGGTCGGG	4648	TCGCGACTAAGGTGCTGCAACTCGA	TTCGAGTTGCAGCACCTTAGTCGCG
4651 TTGGAGGTGAGGACGACGTGCACTA TTAGTGCACGCACTCTGCT 4652 TAACCGTTTAGGGTACATTCGCGGT TACCGCGAATGTACCCTAAACGGTT 4653 TTATGATCGCTCGGCTCACAGTTTG TCAAACTGTGAGCCGAGCGATCATA 4654 TGACTTTTTGCGGAAACGTCATGGT TACCATGACGTTTCCGCAAAAAGTC 4655 TTGTCGGTTATTCCACCTGCAAGGA TTCCTTGCAGGTGGAATAACCGACA 4656 TCTATGGTTTGCACTGCGCCGTCGA TTCGACGGCGCAGTGCAAACCATAG 4657 TAGCAGGGAAATTCAATCGTTCGCA TTGCGAACGATTGAATTTCCCTGCT 4658 TCCTAACCGAGCGCTTAGCATTTCC TGGAAATGCTAAGCGCTCGGTTAGG 4659 TCCCGACCCTAACTCGCATTGAATA TTATTCAATGCGAGTTAGGGTCGGG	4649	TGCTCGATTTCACGGCCCGTTGTTC	TGAACAACGGGCCGTGAAATCGAGC
TACCGTTTAGGGTACATTCGCGGT TACCGCGAATGTACCCTAAACGGTT 4653 TTATGATCGCTCGGCTCACAGTTTG TCAAACTGTGAGCCGAGCGATCATA 4654 TGACTTTTTGCGGAAACGTCATGGT TACCATGACGTTTCCGCAAAAAGTC 4655 TTGTCGGTTATTCCACCTGCAAGGA TTCCTTGCAGGTGGAATAACCGACA 4656 TCTATGGTTTGCACTGCGCCGTCGA TTCGACGGCGCAGTGCAAACCATAG 4657 TAGCAGGGAAATTCAATCGTTCGCA TTGCGAACGATTGAATTTCCCTGCT 4658 TCCTAACCGAGCGCTTAGCATTTCC TGGAAATGCTAAGCGCTCGGTTAGG 4659 TCCCGACCCTAACTCGCATTGAATA TTATTCAATGCGAGTTAGGGTCGGG	4650	TAGCAGAGTGCGTTGCAGAGGCTAA	TTTAGCCTCTGCAACGCACTCTGCT
TTATGATCGCTCGGCTCACAGTTTG TCAAACTGTGAGCCGAGCGATCATA TGACTTTTTGCGGAAACGTCATGGT TACCATGACGTTTCCGCAAAAAGTC TTGTCGGTTATTCCACCTGCAAGGA TTCCTTGCAGGTGGAATAACCGACA TCTATGGTTTGCACTGCGCCGTCGA TTCGACGGCGCAGTGCAAACCATAG TAGCAGGGAAATTCAATCGTTCGCA TTGCGAACGATTGAATTTCCCTGCT TGGAAATGCTAAGCGCTCGGTTAGG TCCCGACCCTAACTCGCATTGAATA TTATTCAATGCGAGTTAGGGTCGGG	4651	TTGGAGGTGAGGACGTGCACTA	TTAGTGCACGTCGTCCTCACCTCCA
4654 TGACTTTTGCGGAAACGTCATGGT TACCATGACGTTTCCGCAAAAAGTC 4655 TTGTCGGTTATTCCACCTGCAAGGA TTCCTTGCAGGTGGAATAACCGACA 4656 TCTATGGTTTGCACTGCGCCGTCGA TTCGACGGCGCAGTGCAAACCATAG 4657 TAGCAGGGAAATTCAATCGTTCGCA TTGCGAACGATTGAATTTCCCTGCT 4658 TCCTAACCGAGCGCTTAGCATTTCC TGGAAATGCTAAGCGCTCGGTTAGG 4659 TCCCGACCCTAACTCGCATTGAATA TTATTCAATGCGAGTTAGGGTCGGG	4652	TAACCGTTTAGGGTACATTCGCGGT	TACCGCGAATGTACCCTAAACGGTT
4655 TTGTCGGTTATTCCACCTGCAAGGA TTCCTTGCAGGTGGAATAACCGACA 4656 TCTATGGTTTGCACTGCGCCGTCGA TTCGACGGCGCAGTGCAAACCATAG 4657 TAGCAGGGAAATTCAATCGTTCGCA TTGCGAACGATTGAATTTCCCTGCT 4658 TCCTAACCGAGCGCTTAGCATTTCC TGGAAATGCTAAGCGCTCGGTTAGG 4659 TCCCGACCCTAACTCGCATTGAATA TTATTCAATGCGAGTTAGGGTCGGG	4653	TTATGATCGCTCGGCTCACAGTTTG	TCAAACTGTGAGCCGAGCGATCATA
4656 TCTATGGTTTGCACTGCGCCGTCGA TTCGACGGCGCAGTGCAAACCATAG 4657 TAGCAGGGAAATTCAATCGTTCGCA TTGCGAACGATTGAATTTCCCTGCT 4658 TCCTAACCGAGCGCTTAGCATTTCC TGGAAATGCTAAGCGCTCGGTTAGG 4659 TCCCGACCCTAACTCGCATTGAATA TTATTCAATGCGAGTTAGGGTCGGG	4654	TGACTTTTTGCGGAAACGTCATGGT	TACCATGACGTTTCCGCAAAAAGTC
4657 TAGCAGGGAAATTCAATCGTTCGCA TTGCGAACGATTGAATTTCCCTGCT 4658 TCCTAACCGAGCGCTTAGCATTTCC TGGAAATGCTAAGCGCTCGGTTAGG 4659 TCCCGACCCTAACTCGCATTGAATA TTATTCAATGCGAGTTAGGGTCGGG	4655	TTGTCGGTTATTCCACCTGCAAGGA	TTCCTTGCAGGTGGAATAACCGACA
4658 TCCTAACCGAGCGCTTAGCATTTCC TGGAAATGCTAAGCGCTCGGTTAGG 4659 TCCCGACCCTAACTCGCATTGAATA TTATTCAATGCGAGTTAGGGTCGGG	4656	TCTATGGTTTGCACTGCGCCGTCGA	TTCGACGCCCAGTGCAAACCATAG
4659 TCCCGACCCTAACTCGCATTGAATA TTATTCAATGCGAGTTAGGGTCGGG	4657	TAGCAGGGAAATTCAATCGTTCGCA	TTGCGAACGATTGAATTTCCCTGCT
1000	4658	TCCTAACCGAGCGCTTAGCATTTCC	TGGAAATGCTAAGCGCTCGGTTAGG
4660 TTTGCTTAATGGTGACGCCACGGAT TATCCGTGGCGTCACCATTAAGCAA	4659	TCCCGACCCTAACTCGCATTGAATA	TTATTCAATGCGAGTTAGGGTCGGG
	4660	TTTGCTTAATGGTGACGCCACGGAT	TATCCGTGGCGTCACCATTAAGCAA

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4000	1	T
4661	TGATGCTCGCCGTGTTTAGTTCACG	TCGTGAACTAAACACGGCGAGCATC
4662	TTCGGATGACGAGTTTCCATGACGG	TCCGTCATGGAAACTCGTCATCCGA
4663	TATGCGGTCTACTTTCTCGATCGGG	TCCCGATCGAGAAAGTAGACCGCAT
4664	TTTGCGAGGCTAAGCACACGGTAAA	TTTTACCGTGTGCTTAGCCTCGCAA
4665	TAACTTAATTACCGCCTCTGGCGCC	TGGCGCCAGAGGCGGTAATTAAGTT
4666	TGTGACCGCGAACTTGTTCCGACAG	TCTGTCGGAACAAGTTCGCGGTCAC
4667	TTGCGGATTACCGATTCGCTCTTAA	TTTAAGAGCGAATCGGTAATCCGCA
4668	TTGATAGGGGGCCACGTTGATCAGA	TTCTGATCAACGTGGCCCCCTATCA
4669	TTCGCTCCGTAGCGATTCATCGTAG	TCTACGATGAATCGCTACGGAGCGA
4670	TTGTCAGCTGGTAGCCTCCGTTTGA	TTCAAACGGAGGCTACCAGCTGACA
4671	TAGCGTCGCATGACGCTTACGGCAC	TGTGCCGTAAGCGTCATGCGACGCT
4672	TAGACGCACCGCAACAGGCTGTCAA	TTTGACAGCCTGTTGCGGTGCGTCT
4673	TCGTGTAGGGGTCCCGTGCTGTCAA	TTTGACAGCACGGGACCCCTACACG
4674	TGTCGCATTCTGCACTGGCTTCGCC	TGGCGAAGCCAGTGCAGAATGCGAC
4675	TTGATTAGGTGCGGTCCCGTAGTCC	TGGACTACGGGACCGCACCTAATCA
4676	TAAGGGACCTTGGGTGACGGCGAGA	TTCTCGCCGTCACCCAAGGTCCCTT
4677	TTCAAATGGCCACCGCGTGTCATTC	TGAATGACACGCGGTGGCCATTTGA
4678	TCTCCGACGACCAATAAATAGCCGC	TGCGGCTATTTATTGGTCGTCGGAG
4679	TGGCTATTCCCGTAGAGAGCGTCCA	TTGGACGCTCTCTACGGGAATAGCC
4680	TTGGATAACCTCTCGGTCCATCCAC	TGTGGATGGACCGAGAGGTTATCCA
4681	TGACCGCTGTACGGGAGTGTGCCTT	TAAGGCACACTCCCGTACAGCGGTC
4682	TGCCACAGAGTTTTAGCAGGGACCC	TGGGTCCCTGCTAAAACTCTGTGGC
4683	TCCCACGCTTTCCGACCACTGACCT	TAGGTCAGTGGTCGGAAAGCGTGGG
4684	TCATTGACACAATGCGGGGACTGAT	TATCAGTCCCCGCATTGTGTCAATG
4685	TAGCCACTCGACAGGGTTCCAAAGC	TGCTTTGGAACCCTGTCGAGTGGCT
4686	TCAGGATGAGCAAAGCGACTCTCCA	TTGGAGAGTCGCTTTGCTCATCCTG
4687	TCAAGGTATGGTCTGGGGCCTAAGC	TGCTTAGGCCCCAGACCATACCTTG
4688	TGGTGTTCGGCCTAAACTCTTTCGG	TCCGAAAGAGTTTAGGCCGAACACC
4689	TTTTAGTCGGACCCTGTGGCAATTC	TGAATTGCCACAGGGTCCGACTAAA
4690	TCACACGTTTCCGACCAGCCTGAAC	TGTTCAGGCTGGTCGGAAACGTGTG
4691	TCTGGACGAACTGGCTTCCTCGTAC	TGTACGAGGAAGCCAGTTCGTCCAG
4692	TTTCACAATCCGCCGAAAACTGACC	TGGTCAGTTTTCGGCGGATTGTGAA
4693	TAACAGGATATCCGCGATCACGACA	TTGTCGTGATCGCGGATATCCTGTT
4694	TTACGTCGGATCCATTGCGCCGAGT	TACTCGGCGCAATGGATCCGACGTA
4695	TCATGGATCTCTCGGTTTGATCGCC	TGGCGATCAAACCGAGAGATCCATG
4696	TAGCCAGGCGCGTATATACGCTCGG	TCCGAGCGTATATACGCGCCTGGCT
4697	TATTTGGCACGTGTCGTGCCATGTT	TAACATGGCACGACACGTGCCAAAT
4698	TCCGCGTTGCACCACTTTGAGGTGC	TGCACCTCAAAGTGGTGCAACGCGG

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4699	TTTGGACGTGACAAGCATGGCGCTC	TGAGCGCCATGCTTGTCACGTCCAA
4700	TCTGAATCGCGCAAGTAAATGGGGG	TCCCCCATTTACTTGCGCGATTCAG
4701	TGATAAGGTCCACCAGATTGCGCGC	TGCGCGCAATCTGGTGGACCTTATC
4702	TCTAACAATTGCCAACCGGGACGGC	TGCCGTCCCGGTTGGCAATTGTTAG
4703	TGGTAACCTGGGTGCTTGCAGGTTA	TTAACCTGCAAGCACCCAGGTTACC
4704	TATCGGAGCCACCATTCGCATTGGG	TCCCAATGCGAATGGTGGCTCCGAT
4705	TGTGAACTGGCTTGCCCCAGGATTA	TTAATCCTGGGGCAAGCCAGTTCAC
4706	TAGGCGATAGCATGGTCCCATATGA	TTCATATGGGACCATGCTATCGCCT
4707	TAACGGTATCGTGGCTAATGCACGA	TTCGTGCATTAGCCACGATACCGTT
4708	TAGTAGTGGTCCTCCAGATCGGCAA	TTTGCCGATCTGGAGGACCACTACT
4709	TCCGTTGAATTGGACGGGAGGTTAG	TCTAACCTCCCGTCCAATTCAACGG
4710	TGCATAAGTGCGGCATCGCGAAGGG	TCCCTTCGCGATGCCGCACTTATGC
4711	TCGACAAGATGCAGCTGCTACATGC	TGCATGTAGCAGCTGCATCTTGTCG
4712	TTCGCAGTGATTCCCGACCGATAAG	TCTTATCGGTCGGGAATCACTGCGA
4713	TCAAGGCGAGTCCACTCGAGGGGAC	TGTCCCCTCGAGTGGACTCGCCTTG
4714	TGCAACTTGCACGGCATAAGTGGCC	TGGCCACTTATGCCGTGCAAGTTGC
4715	TTCCGAGCTTGACGTTCGCGACGTC	TGACGTCGCGAACGTCAAGCTCGGA
4716	TAGCGCTGGGCTGTGCCATCTC	TGAGATGGCAGCACAGCCCAGCGCT
4717	TTTCATGTCGCTGAGTAACCCTCGC	TGCGAGGGTTACTCAGCGACATGAA
4718	TCGAACCGCTAATGCCCATTGTCAG	TCTGACAATGGGCATTAGCGGTTCG
4719	TCACGGAAGGTGGGACAAATCGCCG	TCGGCGATTTGTCCCACCTTCCGTG
4720	TCACAGATGGAGACAAACGCGCCTT	TAAGGCGCGTTTGTCTCCATCTGTG
4721	TTTTTCGCAACTCGCTCCATAACCC	TGGGTTATGGAGCGAGTTGCGAAAA
4722	TACGTTACGTTTCCGGCGCCTCTAA	TTTAGAGGCGCCGGAAACGTAACGT
4723	TTATCGGATTGCGTGGGTTTCAATC	TGATTGAAACCCACGCAATCCGATA
4724	TCTTCCACAATTGTCTGCGACGCAC	TGTGCGTCGCAGACAATTGTGGAAG
4725	TTGCACAAAGGTATGGCTGTCCGGC	TGCCGGACAGCCATACCTTTGTGCA
4726	TTCCGATGCCAGTCCCATCTTAAGA	TTCTTAAGATGGGACTGGCATCGGA
4727	TCTGAAACCGTGCGAATCGAGGTGA	TTCACCTCGATTCGCACGGTTTCAG
4728	TCGGTGTTCCGCGTGTCGAAAAAAT	TATTTTTCGACACGCGGAACACCG
4729	TTCTAGCAGGCCTTTTGAATCGCCA	TTGGCGATTCAAAAGGCCTGCTAGA
4730	TGAGTCACCTCTGAGACGGACGCCA	TTGGCGTCCGTCTCAGAGGTGACTC
4731	TTCTTCTGTCATCCTGCAGCAGCAT	TATGCTGCTGCAGGATGACAGAAGA
4732	TGCGGATGAAACCTGAAAGGGGCCT	TAGGCCCCTTTCAGGTTTCATCCGC
4733	TGGGGCCCCAAACTGGTATCAAGCC	TGGCTTGATACCAGTTTGGGGCCCC
4734	TGCATTGGCTTCGGATTCTCCTACA	TTGTAGGAGAATCCGAAGCCAATGC
4735	TAGGCGGCCCAACTGTGAGGTCTTG	TCAAGACCTCACAGTTGGGCCGCCT
4736	TACACCATGTGCTCCGCGCTGCAGT	TACTGCAGCGCGGAGCACATGGTGT

4739 TGTGCCGTATTTCGACCTGTGCGTT TAACGCACAGGTCGAAATACGGCAC 4740 TGCAGTGCGCACTTCAGTTCAAAAG TCTTTTGAACTGAAGTGCGCACTGC 4741 TGCGATTTTAAGCGATGCCTTGACG TCGTCAAGGCATCGCTTAAAATCGC 4742 TTAGGTGACCTAGGCTTGCTGCGG TCCGCAAGCAAGCCTAGGTCACCTA 4743 TCTGGATACCTTGCCTGTGCGGCGC TGCGCCGCACAGGCAAGGCA		-	
4739 TGTGCCGTATTTCGACCTGTGCGTT TAACGCACAGGTCGAAATACGGCAC 4740 TGCAGTGCGCACTTCAGTTCAAAAG TCTTTTGAACTGAGTGCGCACTGC 4741 TGCGATTTTAAGCGATGCCTTGACG TCGTCAAGGCATCGCTTAAAATCGC 4742 TTAGGTGACCTAGGCTTGCTGCGG TCCGCAAGCAAGCCTAGGTCACCTA 4743 TCTGGATACCTTGCCTGTGCGGCGC TGCGCCGCACAGGCAAGGCA	4737	TACGATGAACATGAATCGGGAGTCG	TCGACTCCCGATTCATGTTCATCGT
4740 TGCAGTGCGCACTTCAGTTCAAAAG TCTTTTGAACTGAAGTGCGCACTGC 4741 TGCGATTTTAAGCGATGCCTTGACG TCGCCAAGCAAGCCATAGCTTAAAATCGC 4742 TTAGGTGACCTAGGCTTGCTGCGG TCCGCAAGCAAGCCAAGC	4738	TCTGCATCCCTGTAGCAGCGCTCCG	TCGGAGCGCTGCTACAGGGATGCAG
4741 TGCGATTITAAGCGATGCCTTGACG TCGTCAAGGCATCGCTTAAAATCGC 4742 TTAGGTGACCTAGGCTTGCTTGCGG TCCGCAAGCAAGCCTAGGTCACCTA 4743 TCTGGATACCTTGCCTGTGCGGCGC TGCGCCGCACAGGCAAGGCA	4739	TGTGCCGTATTTCGACCTGTGCGTT	TAACGCACAGGTCGAAATACGGCAC
4742 TTAGGTGACCTAGGCTTGCTGCGG 4743 TCTGGATACCTTGCTGGGGCGC TGCGCCAAGCAAGCCTAGGTCACCTA 4744 TCCCCTTACGGCTCGTCTATGC TGCATAGACGAAGCCGTAAGGGC 4745 TGCGCTTGCCCGATGCGATTGCATTA TTAATGCATCGCATC	4740	TGCAGTGCGCACTTCAGTTCAAAAG	TCTTTTGAACTGAAGTGCGCACTGC
4743 TCTGGATACCTTGCCTGTGCGCGC 4744 TCCCCTTACGGCTCGTCTATGC 4745 TGCGCTGCCGATGCGATTGCATTA 4746 TTTTCTGAAGCGGCCGATGCGATTGCATTA 4746 TTTCTGTAAGCGGCCTGGGGTTCA 4747 TGGCTGAGGTGAGCGATGCGTTCA 4748 TTCTTGGCCTCCCCGATGCGTTAATTTG 4749 TGGAGGTAACGCCGTTAACTTG 4750 TGTAATCCATTGTGCTCAAC 4751 TCAAACCCATTCAGCACAAAA 4751 TCAAACCCATTCAGCACAAAAAAAAAAAAAAAAAAAAAA	4741	TGCGATTTTAAGCGATGCCTTGACG	TCGTCAAGGCATCGCTTAAAATCGC
4744 TCCCCTTACGGCTCGTCGTCTATGC TGCATAGACGACGAGCCGTAAGGGC 4745 TGCGCTTGCCCGATGCGATTGCATTA TTAATGCATCGCATC	4742	TTAGGTGACCTAGGCTTGCTTGCGG	TCCGCAAGCAAGCCTAGGTCACCTA
4745 TGCGCTTGCCGATGCGATTGCATTA 4746 TTTTCTGTAAGCGGCCTGGGGTTCA 4747 TGGCTGAGGTGAGCGGTAAGGATGA 4748 TTCTTGGCCTCCCGATCTAATTTG 4749 TGGAGGTAACGCCGGTACGTAAGTTG 4750 TGTAATCCATTTGGCTGCGTCAA 4751 TCAAACCCATTCCAATTGGCTGCGATCAATTGG 4752 TTAGGAGGAATTGCATTGCTGCGATCAATTGGCTCCCCGATCTAATTGGCTCCCCCAAATGGATTAC 4753 TATAGGAGGAATTTGGCAGCCGTGAACGCCGTTGCCTCACCTCACCTCACCTCACCTCACCTCACCTCACCTCACCTCACCTCACCTCACCTCACCTCACCTCACCTCACCTCACCTCACCTCACCTCACCTCCACCA	4743	TCTGGATACCTTGCCTGTGCGGCGC	TGCGCCGCACAGGCAAGGTATCCAG
4746 TTTTCTGTAAGCGGCCTGGGGTTCA 4747 TGGCTGAGGTGAGCGGTAAGGATGA 4748 TTCTTGGCCTCCCCGATCTAATTTG 4749 TGGAGGTAACGCCGTTACGTAGGA 4750 TGTAATCCATTTGGGCTGCCCCAACTCAATTG 4751 TCAAACCCATTCCAGCACGCCTTACTTG 4752 TTAGGAGGAATTTGCATGCGCTGCAACTCGAATTCCTCCC 4753 TATAGGTAGGATTGCATGCGGGCG 4754 TGCAAGCCAGTTCCAGCAGCCCTG 4755 TCAAACCCATTCCAGCAGACGCCTG 4751 TCAAACCCATTCCAGCAGACGCCTG 4752 TTAGGAGGAATTTGGCATGCGGGCG 4753 TATAGGTAGGATGTCCCGGCGCTT 4754 TGCAAGTCCTACCTCCTC 4755 TCTGGCTTGCCCCGCCGTTC 4755 TCTGGCTTGCCCCTCCTTAAC 4756 TCTAACGTCGTCCCCCCCTC 4757 TTTTTCATAAACGTTGTCCCCGAGC 4757 TTTTTCATAAACGTTGTCCCCGAGC 4758 TAGCAGGAGACCACCCTC 4759 TTCCAACGCCGCAATCCACT 4759 TTCCAACCACCACCACCCTC 4760 TAGCGCCCACCACCACCCCC 4761 TTACATCCCTGCCCCCCTCC 4762 TCCACTACCACCACCCCCCCCCCCCCCCCCCCCCCCCC	4744	TCCCCTTACGGCTCGTCGTCTATGC	TGCATAGACGACGAGCCGTAAGGGG
4747 TGGCTGAGGTGAGCGGTAAGGATGA 4748 TTCTTGGCCTCCCCGATCTAATTTG 4749 TGGAGGTAACGCCGTGACGTAGGA 4749 TGGAGGTAACGCCGTGACGTAGGA 4750 TGTAATCCATTTGTGGCTGCGTCAA 4751 TCAAACCCATTCCAGCAGCCCTG 4752 TTAGGAGGAATTTGGCATGCGGGCG 4753 TATAGGTAGGATTTGGCATGCGGCG 4754 TGCAAGTGGATTTGGCATGCGGCG 4755 TCTGACGTTAGCTCGTCAGCCTC 4755 TCTGGCTGTTAGCTCGTCAGCCTC 4756 TCTAACGCTGTCAGCCTC 4757 TTTTTCATAACGTCGTCAGCCTC 4758 TAGCAGGTGTCCCCGCATTCCAGCAGACCACAATTCCTCCTACCTA	4745	TGCGCTTGCCCGATGCGATTGCATTA	TTAATGCATCGCATCGGGCAAGCGC
4748 TTCTTGGCCTCCCGATCTAATTTG TCAAATTAGATCGGGGAGGCCAAGA 4749 TGGAGGTAACGCCGTGTACGTAGGA TTCCTACGTACACGGCGTTACCTCC 4750 TGTAATCCATTTGTGGCTGCGTCAA TTTGACGCAGCCACAAATGGATTAC 4751 TCAAACCCATTCCAGCAGACGCCTG TCAGGCGTCTGCTGGAATGGGTTTG 4752 TTAGGAGGAATTTGGCATGCGGGCG TCGCCCGCATGCCAAATTCCTCCTA 4753 TATAGGTAGGATGTCCCGGCGTTG TCAACGCCGGGCACATCCTACCTAT 4754 TGCAAGTGCTTAGCTCGTCAGCCTC TGAGGCTGACGAGCACACCTCTACCTAT 4755 TCTGGCTGTCTCGCCAACTCCTTAAC TGTTAACGAGATGCGACACACCCAG 4756 TCTAACGTCGTCCGCGCAATCACT TAGTGATTGCGCGAGACGACGCCAG 4757 TTTTCATAAACGTTGTCCCCGAGC TGCTCGGGGAACACGTTTAGAAA 4758 TAGCAGGAGGACGAACCTCCGCTCC TGGAGCGAGAGCACAGCCAG 4759 TTTCAAGCACCATCGTGCAATCCAA TTTGGATTGCACGATGGTGCTTGAA 4760 TAGCGTCGCCAGTGATCCAA TTTGGATTGCACGATGGTGCTTGAA 4761 TTACATTCCCTGCCTCCGTGGGCTT TAACCGCACGGAGGCAGGAATGTA 4762 TCGCTTCGCGTATCAGTAGCGGTT TAACCGCTACTGAATACCGCGAAGCG 4763 TTCGGACGCGTCGACACTCATTATA TTATAATGAGTGTCGACGGACGCT 4764 TTCTGAGCAGGCCACCCCAGCT TAGCTGAGCGCTCCGA 4765 TTTGAATTGCCAAGCCCTCAGCT TAGCTGAGCGCTTCCACACACCCACACCCTCCACACCCACACCCTCCACACCCCACACCCCACACCCCACACCCCACACCCCACA	4746	TTTTCTGTAAGCGGCCTGGGGTTCA	TTGAACCCCAGGCCGCTTACAGAAA
4749 TGGAGGTAACGCCGTGTACGTAGA TTCCTACGTACACGCGTTACCTCC 4750 TGTAATCCATTTGTGGCTGCGTCAA TTTGACGCAGCCACAAATGGATTAC 4751 TCAAACCCATTCCAGCAGACGCCTG TCAGGCGTCTGCTGGAATGGGTTTG 4752 TTAGGAGGAATTTGGCATGCGGGCG TCGCCCGCATGCCAAATTCCTCCTA 4753 TATAGGTAGGATGTGCCCGGCGTTG TCAACGCCGGGCACATCCTACCTAT 4754 TGCAAGTGCTTAGCTCGTCAGCCTC TGAGGCTGACGAGCTAAGCACTTGC 4755 TCTGGCTGTGTCGCATCTCGTTAAC TGTTAACGAGATGCGACACAGCCAG 4756 TCTAACGTCGTCCGCGCAATCACT TAGTGATTGCGCGAGACGACGATGTAG 4757 TTTTTCATAAACGTTGTCCCCGAGC TGCTCGGGGACAACGTTAGAAA 4758 TAGCAGGAGGACGAACCTCCGCTCC TGGAGCGAGGTTCGTCCTCCTGCT 4759 TTTCAAGCACCATCGTGCAATCCAA TTTGGATTGCACGATGGTGTTGAA 4760 TAGCGTCGCCAGTGATCGAATCCAA TTTGGATTGCACGATGATGCTTGAA 4761 TTACATTCCCTGCCTCCGTGGGCTT TAACCCCACGGAGGCAGGGAATGTA 4762 TCGCTTCGCGTATTCAGTAGCGGTT TAACCGCTACTGAATACGCGAAGCG 4763 TTCGGACGCGTCGACACTCATTATA TTATAATGAGTGTCGACGCGTCCGA 4764 TTCTGAGCAGGCCAGCGCTCCAGCT TAGCTGGAGCGCTCCGAA 4765 TTTGAATTGCCAAGCCCTGAAAGCC TGGCTTTCAGGGCTTGGCAATTCAA 4766 TAGTTTTCGCCTTGATGCGTCGTTG TCACCGACGCATCAAGCCAACCTTCAAAACCTTCAAACCTTCAAGCGAAACCT TTCTGAGCAGGCCAGCGCTCCAGCT TAGCTGGAGCGCTTCCAAAACCT TTCTGAGCAGGCCAGCCCTCAAAGCC TGGCTTTCAGGGCTTTGCAATTCAA 4766 TAGTTTTCGCCTTGATGCGTCGGTG TCACCGACGCATCAAGGCGAAACCT TTTTAGCACCGCTTGGCAAAACCT TTTTAGCACCGCTTGGCCAATTCAAACCC TGGCTTTCAGGGCTTTGAAACCT TTTTTAGCACCGCTTGGCAAAACCT TTTTTTTCACAAGCCCAAACCCTTTATAA TTTTTTTTTT	4747	TGGCTGAGGTGAGCGGTAAGGATGA	TTCATCCTTACCGCTCACCTCAGCC
4750 TGTAATCCATTTGTGGCTGCGTCAA TTTGACGCAGCCACAAATGGATTAC 4751 TCAAACCCATTCCAGCAGACGCCTG TCAGGCGTCTGCTGGAATGGGTTTG 4752 TTAGGAGGATTTGGCATGCGGGCG TCGCCCGCATGCCAAATTCCTCCTA 4753 TATAGGTAGGATGTGCCCGGCGTTG TCAACGCCGGGCACATCCTACCTAT 4754 TGCAAGTCCTTAGCTCGTCAGCCTC TGAGGCTGACGAGCACAGCCAG 4755 TCTGGCTGTGCGCATCTCGTTAAC TGTTAACGAGATGCGACACAGCCAG 4756 TCTAACGTCGTCAGCCTC TAGTGATTGCGCGAGACGACGTTAG 4757 TTTTCATAAACGTTGTCCCCGAGC TGCTCGGGGACAACGTTTATGAAAA 4758 TAGCAGGAGGACGAACCTCCGCTCC TGGAGCGGAGCAGACGTTCGCT 4759 TTTCAAGCACCATCGTCAATCCAA TTTGGATTGCACGATGGTGCTTGAA 4760 TAGCGTCGCCAGTGAATCCAA TTTGGATTGCACGATGGTGCTTGAA 4761 TTACATTCCCTGCCTCCGTGGGCTT TAAGCCCACGGAGCAGGAACGT 4762 TCGCTTCGCGTATTCAGTAGCGGTT TAACCGCTACTGAATACGCGAAGCG 4763 TTCGGACGCGTCGACACTCATTATA TTATAATGAGTGTCGACGCGTCCGA 4764 TTCTGAGCAGGCCAGCGCTCCAGCT TAGCTGGAGCGCTTCAGA 4766 TAGTTTCCCTGCAACCCCTGAAAGCC TGGCTTCAGAGCGAACCT 4767 TGTTTCATAGGCCACGCGTGCAAACCT 4767 TGTTTCATAGGCCACGCGTGCTAAA	4748	TTCTTGGCCTCCCCGATCTAATTTG	TCAAATTAGATCGGGGAGGCCAAGA
4751 TCAAACCCATTCCAGCAGACGCCTG TCAGGCGTCTGCTGGAATGGGTTTG 4752 TTAGGAGGATTTGGCATGCGGGCG TCGCCCGCATGCCAAATTCCTCCTA 4753 TATAGGTAGGATGTGCCCGGCGTTG TCAACGCCGGGCACATCCTACCTAT 4754 TGCAAGTCCTCAGCCTC TGAGGCTGACGAGCACAGCCAG 4755 TCTGGCTGTCGCATCTCGTTAAC TGTTAACGAGATGCGACACAGCCAG 4756 TCTAACGTCGTCAGCCTC TAGTGATTGCGCGAGACGACGACGTTAG 4757 TTTTCATAAACGTTGTCCCCGAGC TGCTCGGGGACAACGTTTATGAAAA 4758 TAGCAGGAGGACGAACCTCCGCTCC TGGAGCGGAGGTTCGTCCTCCTGCT 4759 TTTCAAGCACCATCGTGCAATCCAA TTTGGATTGCACGATGGTGCTTGAA 4760 TAGCGTCGCCAGTGATCGCTAGTGG TCCACTAGCGATCACTGGCGACGCT 4761 TTACATTCCCTGCCTCCGTGGGCTT TAAGCCCACGGAGGCAGGGATGTA 4762 TCGCTTCGCGTATTCAGTAGCGGTT TAACCGCTACTGAATACGCGAAGCG 4763 TTCGGACGCGTCGACACTCATATA TTATAATGAGTGTCGACGCGTCCGA 4764 TTCTGAGCAGGCCAGCGCTCCAGCT TAGCTGGAGCGCTTCCAGA 4765 TTTGAATTGCCAAGCCCTGAAAGCC TGGCTTTCAGGGCTTCGAATCCAG 4766 TAGTTTTCGCCTTGATGCGTCGTG 4767 TGTTTCATAGGCCACGCGTCCAAA	4749	TGGAGGTAACGCCGTGTACGTAGGA	TTCCTACGTACACGGCGTTACCTCC
TTAGGAGGAATTTGGCATGCGGCG TCGCCCGCATGCCAAATTCCTCCTA 4753 TATAGGTAGGATGTGCCCGGCGTTG TCAACGCCGGGCACATCCTACCTAT 4754 TGCAAGTGCTTAGCTCGTCAGCCTC TGAGGCTGACGAGCTAAGCACTTGC 4755 TCTGGCTGTGTCGCATCTCGTTAAC TGTTAACGAGATGCGACACAGCCAG 4756 TCTAACGTCGTCTCGCGCAATCACT TAGTGATTGCGCGAGACGACGACGTTAG 4757 TTTTCATAAACGTTGTCCCCGAGC TGCTCGGGGACAACGTTTATGAAAA 4758 TAGCAGGAGGACGACCTCCGCTCC TGGAGCGAGGTTCGTCCTCCTGCT 4759 TTTCAAGCACCATCGTGCAATCCAA TTTGGATTGCACGATGGTTGAA 4760 TAGCGTCGCCAGTGATCGCTAGTGG TCCACTAGCGATCACTGGCGACGCT 4761 TTACATTCCCTGCCTCCGTGGGCTT TAAGCCCACGGAGGCAGGGAATGTA 4762 TCGCTTCGCGTATTCAGTAGCGGTT TAACCGCTACTGAATACGCGAAGCG 4763 TTCGGACGCGTCGACACTCATTATA TTATAATGAGTGTCGACGCGTCCGA 4764 TTCTGAGCAGGCCAGCGCTCCAGCT TAGCTGGGGCTTCAGA 4765 TTTGAATTGCCAAGCCCTGAAAGCC TGGCTTTCAGGGCTTCGCAATTCAA 4766 TAGTTTTCGCCTTGATGCGTCGGTG TCACCGACGCTTCAGAAACCT 4767 TGTTTCATAGGCCACGCGTGCTAAA	4750	TGTAATCCATTTGTGGCTGCGTCAA	TTTGACGCAGCCACAAATGGATTAC
TATAGGTAGGATGTGCCCGGCGTTG TCAACGCCGGGCACATCCTACCTAT TGCAAGTGCTTAGCTCGTCAGCCTC TGAGGCTGACGAGCTAAGCACTTGC TCTGGCTGTGTCGCATCTCGTTAAC TCTAACGTCGTCTCGCGCAATCACT TAGTGATTGCGCAGCAGCAGCAGCAGCAGCAGCAG TCTAACGTCGTCTCGCGCAATCACT TAGTGATTGCGCGAGACGACGCTTAG TTTTTCATAAACGTTGTCCCCGAGC TGCTCGGGGACAACGTTTATGAAAA TATAS TAGCAGGAGGACGAACCTCCGCTCC TGGAGCGGAGGTTCGTCCTCGCTC TTTCAAGCACCATCGTGCAATCCAA TTTTGATTGCACGATGGTGCTTGAA TAGCTTCGCCCAGTGATCGCTAGTGG TCACTAGCGATCACTGGCGACGCT TAAGCCCACGGAGGCAGGGAATGTA TTACATTCCCTGCCTCCGTGGGCTT TAAGCCCACGGAGGCAGGGAATGTA TTACATTCCCTGCCTCCGTGGGTT TAACCGCTACTGAATACGCGAAGCG TCGACTCGCACACTCATTATA TTATAATGAGTGTCGACGCTCCAGA TTCTGAGCAGGCCAGCGCTCCAGCT TAGCTGGAGCGCTTGGCAATCCAA TTTTGAATTGCCAAGCCCTGAAAGCC TGGCTTTCAGGGCTTGGCAATCCAA TTTTAACATTCCCTGCCTTGATGCGTCGTCAGA TTTTAACATTCCCTGCCTTGATGCGTCGTCAAAGCC TGGCTTTCAGGGCTTGGCAATTCAA TTTTAACATTCCCAAGCCCTTGAAAACCT TTTTAACATTCCCAAGCCCTTGAAAACCT TTTTAACATTCCCAAGCCCTTGAAAACCT TTTTAACATTCCCAAGCCCTTGAAAACCT TTTTAACATTCCCAAGCCCTTGAAAACCT TTTTAACATTCACAAGCCCTTGAAAACCT TTTTAACACGCGACGCTTAACAACCT TTTTAACATTCACAACCCTTTAAAACCT TTTTAACACCGCGTGGCCTATGAAACCT TTTTAACACCACCGCTGGCCTATGAAACCT TTTTAACACCACCGCTGGCCTATGAAACCT TTTTAACACCACCGCTGGCCTATGAAACCT TTTTAACACCACCGTGGCCTATGAAACCT TTTTAACACCACCGCGTGCCTATGAAACCT TTTTAACACCACCGCGTGGCCTATGAAACCT TTTTAACACCACCGCGTGCCTATGAAACCT TTTTAACACCACCGCGTGCCTATGAAACCT TTTTAACACCACCGCGTGCCTATGAAACCT TTTTAACACCACCCTAACACCCTAACACCCTAACACCCTAACACCCTAACACCTATGAAACCT TTTTAACACCACCCTAACACCCTAACACCCTAACACCCTAACACCCTAACACCCTAACACCCTAACACCCTAACACCCTAACACCCTAACACCCTAACACCCTAACACCCTAACACCCTAACACCCTAACACCCTAACACCCTAACACCCTAACACCCTAACACCCTAACACCCTAACACCCTAACACCCTAACACCCTAACACCCTAACACCCTAACACCCTAACACCCTAACACCCTAACACCCTAACACCCTAACACCCTAACACCCCTAACACCCTAACACCCTAACACCCACACCCACACCAC	4751	TCAAACCCATTCCAGCAGACGCCTG	TCAGGCGTCTGCTGGAATGGGTTTG
4754 TGCAAGTGCTTAGCTCGTCAGCCTC TGAGGCTGACGAGCTAAGCACTTGC 4755 TCTGGCTGTGCGCATCTCGTTAAC TGTTAACGAGATGCGACACAGCCAG 4756 TCTAACGTCGTCTCGCGCAATCACT TAGTGATTGCGCGAGACGACGTTAG 4757 TTTTTCATAAACGTTGTCCCCGAGC TGCTCGGGGACAACGTTTATGAAAA 4758 TAGCAGGAGGACGACCTCCGCTCC TGGAGCGGAGGTTCGTCCTCCTGCT 4759 TTTCAAGCACCATCGTGCAATCCAA TTTGGATTGCACGATGGTGCTTGAA 4760 TAGCGTCGCCAGTGATCGCTAGTGG TCCACTAGCGATCACTGGCGACGCT 4761 TTACATTCCCTGCCTCCGTGGGCTT TAAGCCCACGGAGGCAGGGAATGTA 4762 TCGCTTCGCGTATTCAGTAGCGGTT TAACCGCTACTGAATACGCGAAGCG 4763 TTCGGACGCGTCGACACTCATTATA TTATAATGAGTGTCGACGCGTCCGA 4764 TTCTGAGCAGGCCAGCGCTCCAGCT TAGCTGGAGCGCTGCCTCAGA 4765 TTTGAATTGCCAAGCCCTGAAAGCC TGGCTTTCAGGGCTTCGAATCCA 4766 TAGTTTTCGCCTTGATGCGTCGTT TCACCGACGCATCAAGGCGAAACCT TTTTAACTGAGCCAAGGCGAAAACCT TTTTAACTGAGCCAAGGCGAAAACCT TTTTAACATGAGCCAAGGCGAAAACCT TTTTAACATGAGCCAAGGCGAAAACCT TTTTAACATGAGCCAAGGCGAAAACCT TTTTAACATGAGCCAAGGCGAAAACCT TTTTAACATGAGCCAAGGCGAAAACCT TTTTAACAAGGCCAAGGCGAAAACCT TTTTAACAAGGCCAAAGCCAAAACCT TTTTAACAAGGCCAAAGCCAAAACCT TTTTAACAAGGCCAAAACCC TTTTAACAAGGCCAAAACCC TTTTAACAAGGCCAAAACCC TTTTAACAAGGCCAAAACCC TTTTAACAAGGCCAAAACCC TTTTAACAAGGCCAAAACCC TTTTAACAAGGCCAAAAACCC TTTTAACAAGGCCAAAACCC TTTTAACAAAACCCCTTAAAAACCC TTTTAACAAAACCCCTTAAAAACCC TTTTAACAAAACCCCTTAAAAACCC TTTTAACAAAACCCCTTAAAAACCCCTTAAAAACCAAAACCT TTTTAACAAAACCCCTTAAAAACCCCTTAAAAACCCCTTAAAAAA	4752	TTAGGAGGAATTTGGCATGCGGGCG	TCGCCCGCATGCCAAATTCCTCCTA
4755 TCTGGCTGTCGCATCTCGTTAAC TGTTAACGAGATGCGACACAGCCAG 4756 TCTAACGTCGTCTCGCGCAATCACT TAGTGATTGCGCGAGACGACGTTAG 4757 TTTTCATAAACGTTGTCCCCGAGC TGCTCGGGGACAACGTTTATGAAAA 4758 TAGCAGGAGGACGACCTCCGCTCC TGGAGCGAGGTTCGTCCTCCTGCT 4759 TTTCAAGCACCATCGTGCAATCCAA TTTGGATTGCACGATGGTGCTTGAA 4760 TAGCGTCGCCAGTGATCGCTAGTGG TCCACTAGCGATCACTGGCGACGCT 4761 TTACATTCCCTGCCTCCGTGGGCTT TAAGCCCACGGAGGCAGGGAATGTA 4762 TCGCTTCGCGTATTCAGTAGCGGTT TAACCGCTACTGAATACGCGAAGCG 4763 TTCGGACGCGTCGACACTCATTATA TTATAATGAGTGTCGACGCGTCCGA 4764 TTCTGAGCAGGCCAGCGCTCCAGCT TAGCTGGAGCGCTGCCTCAGA 4765 TTTGAATTGCCAAGCCCTGAAAGCC TGGCTTTCAGGGCTTGGCAATCCA 4766 TAGTTTTCGCCTTGATGCGTCGTG TCACCGACGCATCAAGGCGAAAACT 4767 TGTTTCATAGGCCACGCGTGCTAAA	4753	TATAGGTAGGATGTGCCCGGCGTTG	TCAACGCCGGGCACATCCTACCTAT
4756 TCTAACGTCGTCTCGCGCAATCACT TAGTGATTGCGCGAGACGACGTTAG 4757 TTTTTCATAAACGTTGTCCCCGAGC TGCTCGGGGACAACGTTTATGAAAA 4758 TAGCAGGAGGACGACCTCCGCTCC TGGAGCGGAGGTTCGTCCTCCTGCT 4759 TTTCAAGCACCATCGTGCAATCCAA TTTGGATTGCACGATGGTGCTTGAA 4760 TAGCGTCGCCAGTGATCGCTAGTGG TCCACTAGCGATCACTGGCGACGCT 4761 TTACATTCCCTGCCTCCGTGGGCTT TAAGCCCACGGAGGCAGGGAATGTA 4762 TCGCTTCGCGTATTCAGTAGCGGTT TAACCGCTACTGAATACGCGAAGCG 4763 TTCGGACGCGTCGACACTCATTATA TTATAATGAGTGTCGACGCGTCCGA 4764 TTCTGAGCAGGCCAGCGCTCCAGCT TAGCTGGAGCGCTGCCTCAGA 4765 TTTGAATTGCCAAGCCCTGAAAGCC TGGCTTTCAGGGCTTGGCAATTCAA 4766 TAGTTTTCGCCTTGATGCGTCGGTG TCACCGACGCATCAAGGCGAAAACT 4767 TGTTTCATAGGCCACGCGTGCTAAA	4754	TGCAAGTGCTTAGCTCGTCAGCCTC	TGAGGCTGACGAGCTAAGCACTTGC
4757 TTTTCATAAACGTTGTCCCCGAGC TGCTCGGGGACAACGTTATGAAAA 4758 TAGCAGGAGGACGAACCTCCGCTCC TGGAGCGGAGGTTCGTCCTCCTGCT 4759 TTTCAAGCACCATCGTGCAATCCAA TTTGGATTGCACGATGGTGCTTGAA 4760 TAGCGTCGCCAGTGATCGCTAGTGG TCCACTAGCGATCACTGGCGACGCT 4761 TTACATTCCCTGCCTCCGTGGGCTT TAAGCCCACGGAGGCAGGGAATGTA 4762 TCGCTTCGCGTATTCAGTAGCGGTT TAACCGCTACTGAATACGCGAAGCG 4763 TTCGGACGCGTCGACACTCATTATA TTATAATGAGTGTCGACGCGTCCGA 4764 TTCTGAGCAGGCCAGCGCTCCAGCT TAGCTGGAGCGCTGGCCTGCTCAGA 4765 TTTGAATTGCCAAGCCCTGAAAGCC TGGCTTTCAGGGCTTGGCAATTCAA 4766 TAGTTTTCGCCTTGATGCGTCGGTG TCACCGACGCATCAAGGCGAAAACT 4767 TGTTTCATAGGCCACGCGTGCCTAAA	4755	TCTGGCTGTGTCGCATCTCGTTAAC	TGTTAACGAGATGCGACACAGCCAG
TAGCAGGAGGACGACCTCCGCTCC TGGAGCGAGGTTCGTCCTGCT TTTCAAGCACCATCGTGCAATCCAA TTTGGATTGCACGATGGTGCTTGAA TAGCGTCGCCAGTGATCGCTAGTGG TCACTAGCGATCACTGGCGACGCT TTACATTCCCTGCCTCCGTGGGCTT TAAGCCCACGGAGGCAGGGAATGTA TCGCTTCGCGTATTCAGTAGCGGTT TAACCGCTACTGAATACGCGAAGCG TTCGGACGCGTCGACACTCATTATA TTATAATGAGTGTCGACGCGTCCGACACTCAGAAACCT TTGGATTGCCAAGCCCTGAAAGCC TGGCTTTCAGGGCTTCAGAAAGCC TGGCTTTCAGGGCTTCAGAAACCT TGGTTTCAGGCCAAGCCCTTGAAAACCT TGTTTCATAGGCCACGCGTCCAAA	4756	TCTAACGTCGTCTCGCGCAATCACT	TAGTGATTGCGCGAGACGACGTTAG
4759 TTTCAAGCACCATCGTGCAATCCAA TTTGGATTGCACGATGGTGCTTGAA 4760 TAGCGTCGCCAGTGATCGCTAGTGG TCCACTAGCGATCACTGGCGACGCT 4761 TTACATTCCCTGCCTCCGTGGGCTT TAAGCCCACGGAGGCAGGGAATGTA 4762 TCGCTTCGCGTATTCAGTAGCGGTT TAACCGCTACTGAATACGCGAAGCG 4763 TTCGGACGCGTCGACACTCATTATA TTATAATGAGTGTCGACGCGTCCGA 4764 TTCTGAGCAGGCCAGCGCTCCAGCT TAGCTGGAGCGCTGGCCTGCTCAGA 4765 TTTGAATTGCCAAGCCCTGAAAGCC TGGCTTTCAGGGCTTGGCAATTCAA 4766 TAGTTTTCGCCTTGATGCGTCGGTG TCACCGACGCATCAAGGCGAAAACT 4767 TGTTTCATAGGCCACGCGTGCTAAA	4757	TTTTTCATAAACGTTGTCCCCGAGC	TGCTCGGGGACAACGTTTATGAAAA
4760 TAGCGTCGCCAGTGATCGCTAGTGG TCCACTAGCGATCACTGGCGACGCT 4761 TTACATTCCCTGCCTCCGTGGGCTT TAAGCCCACGGAGGCAGGGAATGTA 4762 TCGCTTCGCGTATTCAGTAGCGGTT TAACCGCTACTGAATACGCGAAGCG 4763 TTCGGACGCGTCGACACTCATTATA TTATAATGAGTGTCGACGCGTCCGA 4764 TTCTGAGCAGGCCAGCGCTCCAGCT TAGCTGGAGCGCTGGCCTGCTCAGA 4765 TTTGAATTGCCAAGCCCTGAAAGCC TGGCTTTCAGGGCTTGGCAATTCAA 4766 TAGTTTTCGCCTTGATGCGTCGGTG TCACCGACGCATCAAGGCGAAAACT 4767 TGTTTCATAGGCCACGCGTGCTAAA TTTTAGCACGCGTGGCCTATGAAAC	4758	TAGCAGGAGGACGAACCTCCGCTCC	TGGAGCGGAGGTTCGTCCTCCTGCT
4761 TTACATTCCCTGCCTCGTGGGCTT TAAGCCCACGGAGGCAGGGAATGTA 4762 TCGCTTCGCGTATTCAGTAGCGGTT TAACCGCTACTGAATACGCGAAGCG 4763 TTCGGACGCGTCGACACTCATTATA TTATAATGAGTGTCGACGCGTCCGA 4764 TTCTGAGCAGGCCAGCGCTCCAGCT TAGCTGGAGCGCTGGCCTCAGA 4765 TTTGAATTGCCAAGCCCTGAAAGCC TGGCTTTCAGGGCTTGGCAATTCAA 4766 TAGTTTTCGCCTTGATGCGTCGGTG TCACCGACGCATCAAGGCGAAAACT 4767 TGTTTCATAGGCCACGCGTGCTAAA TTTTAGCACGCGTGGCCTATGAAAC	4759	TTTCAAGCACCATCGTGCAATCCAA	TTTGGATTGCACGATGGTGCTTGAA
4762 TCGCTTCGCGTATTCAGTAGCGGTT TAACCGCTACTGAATACGCGAAGCG 4763 TTCGGACGCGTCGACACTCATTATA TTATAATGAGTGTCGACGCGTCCGA 4764 TTCTGAGCAGGCCAGCGCTCCAGCT TAGCTGGAGCGCTGGCCTGCTCAGA 4765 TTTGAATTGCCAAGCCCTGAAAGCC TGGCTTTCAGGGCTTGGCAATTCAA 4766 TAGTTTTCGCCTTGATGCGTCGGTG TCACCGACGCATCAAGGCGAAAACT 4767 TGTTTCATAGGCCACGCGTGCTAAA TTTTAGCACGCGTGGCCTATGAAAC	4760	TAGCGTCGCCAGTGATCGCTAGTGG	TCCACTAGCGATCACTGGCGACGCT
4763 TTCGGACGCGTCGACACTCATTATA TTATAATGAGTGTCGACGCGTCCGA 4764 TTCTGAGCAGGCCAGCGCTCCAGCT TAGCTGGAGCGCTGGCCTGCTCAGA 4765 TTTGAATTGCCAAGCCCTGAAAGCC TGGCTTTCAGGGCTTGGCAATTCAA 4766 TAGTTTTCGCCTTGATGCGTCGGTG TCACCGACGCATCAAGGCGAAAACT 4767 TGTTTCATAGGCCACGCGTGCTAAA TTTTAGCACGCGTGGCCTATGAAAC	4761	TTACATTCCCTGCCTCCGTGGGCTT	TAAGCCCACGGAGGCAGGGAATGTA
4764 TTCTGAGCAGGCCAGCGCTCCAGCT TAGCTGGAGCGCTGGCCTGCTCAGA 4765 TTTGAATTGCCAAGCCCTGAAAGCC TGGCTTTCAGGGCTTGGCAATTCAA 4766 TAGTTTTCGCCTTGATGCGTCGGTG TCACCGACGCATCAAGGCGAAAACT 4767 TGTTTCATAGGCCACGCGTGCTAAA TTTTAGCACGCGTGGCCTATGAAAC	4762	TCGCTTCGCGTATTCAGTAGCGGTT	TAACCGCTACTGAATACGCGAAGCG
4765 TTTGAATTGCCAAGCCCTGAAAGCC TGGCTTTCAGGGCTTGGCAATTCAA 4766 TAGTTTTCGCCTTGATGCGTCGGTG TCACCGACGCATCAAGGCGAAAACT 4767 TGTTTCATAGGCCACGCGTGCTAAA TTTTAGCACGCGTGGCCTATGAAAC	4763	TTCGGACGCGTCGACACTCATTATA	TTATAATGAGTGTCGACGCGTCCGA
4766 TAGTTTTCGCCTTGATGCGTCGGTG TCACCGACGCATCAAGGCGAAAACT 4767 TGTTTCATAGGCCACGCGTGCTAAA TTTTAGCACGCGTGGCCTATGAAAC	4764	TTCTGAGCAGGCCAGCGCTCCAGCT	TAGCTGGAGCGCTGGCCTGAGA
4767 TGTTTCATAGGCCACGCGTGCTAAA TTTTAGCACGCGTGGCCTATGAAAC	4765	TTTGAATTGCCAAGCCCTGAAAGCC	TGGCTTTCAGGGCTTGGCAATTCAA
THI MOCK GOOT GOOT AT GAAC	4766	TAGTTTTCGCCTTGATGCGTCGGTG	TCACCGACGCATCAAGGCGAAAACT
4768 TCATCGCTGCAAGTACCGCACTCAA TTTGAGTGCGGTACTTGCAGCGATG	4767	TGTTTCATAGGCCACGCGTGCTAAA	TTTTAGCACGCGTGGCCTATGAAAC
THE PROPERTY OF THE PROPERTY O	4768	TCATCGCTGCAAGTACCGCACTCAA	TTTGAGTGCGGTACTTGCAGCGATG

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Serial No.: 09/940,185

Filed: August 27, 2001

IN THE CLAIMS:

Please replace the section entitled "CLAIMS", starting on page 255, line 1, with the

following rewritten section:

CLAIMS

We claim:

1. An oligonucleotide array comprising an array of at least 25 different addresses, each address

comprising a different capture probe selected from the group consisting of the sequences set forth in

Table 1, Table 2, Table 3 and Table 4.

2. An array according to claim 1, wherein said capture probes are microspheres.

3. An array according to claim 1 or 2 wherein said array is a liquid array.

4. An array according to claim 1 or 2, wherein said array further comprises a solid support.

5. An array according to claim 1, wherein said addresses are microspheres and wherein said solid

support comprises wells into which said microspheres are individually distributed.

6. An array according to claim 1, wherein each address is a different known location, and said

wherein each capture probe is attached to one of said known locations.

7. An array according to claim 1, wherein said array comprises at least 50 different addresses, each

address comprising a different capture probe selected from the group consisting of the sequences set

forth in Table 1, Table 2, Table 3 and Table 4.

-132-

Serial No.: 09/940,185

Filed: August 27, 2001

8. An array according to claim 1 wherein said array comprises at least 100 different addresses, each

address comprising a different capture probe selected from the group consisting of the sequences set

forth in Table 1, Table 2, Table 3 and Table 4.

9. A kit comprising at least twenty-five nucleic acids selected from the group consisting of sequences

substantially complementary to the sequences set forth in Table 1, Table 2, Table 3 and Table 4 or

their complement. (amended)

10. A kit according to claim 9, wherein said kit comprises at least 50 nucleic acids selected from the

group consisting of the sequences substantially complementary to the sequences set forth in Table I,

Table 1, Table 2, Table 3 and Table 4 or their complement. (amended)

11. A kit according to claim 9, wherein said kit comprises at least 100 nucleic acids selected from the

group consisting of the sequences substantially complementary to the sequences set forth in Table 1,

Table 2, Table 3 and Table 4 or their complement. (amended)

12. A kit according to claim 9, wherein said nucleic acids further comprise at least a first universal

priming sequence.

13. A kit according to claim 9, wherein said nucleic acid sequence further comprises a sequence

substantially complementary to a target domain.

14. A method of immobilizing a target nucleic acid sequence, said method comprising:

a) attaching a first adapter nucleic acid to a first target nucleic acid sequence to form a modified first

target nucleic acid sequence, wherein said first adapter nucleic acid comprises a sequence

substantially complementary to a sequence selected from the sequences set forth in Table 1, Table 2,

Table 3 and Table 4;

-133-

Serial No.: 09/940,185

Filed: August 27, 2001

b) contacting said modified first target nucleic acid sequence with an array comprising an array of at

least 25 different addresses, each address comprising a different capture probe selected from

group consisting of the sequences set forth in Table 1, Table 2, Table 3 and Table 4, whereby said

target nucleic acid sequence is immobilized. (amended)

A method of detecting a target nucleic acid sequence, said method comprising:

a) attaching a first adapter nucleic acid to a first target nucleic acid sequence to form a modified first

target nucleic acid sequence, wherein said first adapter nucleic acid comprises a sequence

substantially complementary to a sequence selected from the sequences set forth in Table 1, Table 2,

Table 3 and Table 4:

b) contacting said modified first target nucleic acid sequence with an array comprising:

an array of at least 25 different addresses, each address comprising a different capture probe selected

from the group consisting of the sequences set forth in Table 1, Table 2, Table 3 and Table 4; and

c) detecting the presence of said modified first target nucleic acid sequence. (amended)

16. A method of detecting a target nucleic acid, said method comprising:

a) hybridizing a first adapter probe with a first target nucleic acid, said first adapter probe comprising a

first domain that is complementary to said first target nucleic acid and a second domain, said second

domain comprising a first sequence substantially complementary to a selected from the group

consisting of the sequences set forth in Table 1, Table 2, Table 3 and Table 4 to form a first

hybridization complex;

b) contacting said first hybridization complex with an enzyme such that when said first domain of said

adapter probe is perfectly complementary with said first target nucleic acid, said first adapter probe is

altered resulting in a modified first adapter probe:

-134-

c) contacting said modified first adapter probe with a population of microspheres comprising at least a first subpopulation comprising a first capture probe, such that said first capture probe and said modified first adapter probe form a second hybridization complex; and

d) detecting the presence of said modified first adapter probe as an indication of the presence of said

target nucleic acid. (amended)-

REMARKS

Attached hereto is a marked-up version of the changes made to the specification by the current amendment. The attached page is captioned "Version with markings to show changes made."

These amendments are made in adherence with 37 C.F.R. § 1.821-1.825. This amendment is accompanied by a floppy disc containing the above named sequence, SEQUENCE ID NUMBERS 1-4768, in computer readable form, and a paper copy, submitted as a compact disk, of the sequence information. The computer readable sequence listing was prepared through use of the software program "Patent-In" provided by the PTO. The information contained in the computer readable form is identical to that of the paper copy, submitted as a compact disk. This amendment contains no new matter. Applicant submits that this amendment, the accompanying computer readable sequence listing, and the compact disk copy thereof serve to place this application in a condition of adherence to the rules 37 C.F.R. § 1.821-1.825.

Please direct any calls in connection with this application to the undersigned at (415) 781-1989.

Respectfully submitted,

FLEHR HOHBACH TEST

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